

# **SEARS**

## **OWNER'S MANUAL**

**MODEL NO.  
842.242560**



# **CRAFTSMAN<sup>®</sup>**

## **46" FRONT MOUNTED 2 STAGE SNOW THROWER ATTACHMENT**



**CAUTION:** Additional rear wheel weights are required to stabilize the tractor when the snow thrower is mounted to it.

Chains are required for traction while removing snow. Rear drawbar mounted weights are also recommended to increase traction in severe conditions.

**Caution:**  
Read and follow all  
Safety Rules and  
Instructions Before  
Operating This  
Equipment

- **Assembly**
- **Operation**
- **Customer Responsibility**
- **Service and Adjustment**
- **Repair Parts**

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**Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.**

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# SAFETY RULES



## Safe Operation Practices for the Snow Thrower Attachment

- Know the controls and how to stop quickly. **READ THE OWNER'S MANUAL.**
- Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction.
- Do not carry passengers. Keep children and pets a safe distance away.
- Always wear substantial footwear. Do not wear loose fitting clothes that could get caught in moving parts.
- Keep your eyes and mind on your tractor, snow thrower and the area being cleaned. Don't let other interests distract you.
- Do not attempt to operate your tractor or snow thrower when not in the drivers seat.
- Always get on or off your tractor from the operators left side.
- Clear the work area of objects which might be picked up and thrown.
- Disengage all attachment clutches and shift into neutral before attempting to start the engine.
- Disengage power to attachments and stop the engine before leaving the operator's position.
- Disengage all power to snow thrower, stop the engine, remove key from ignition switch before cleaning, making an adjustment or repairs.
- Disengage power to attachments when transporting or not in use.
- Drive slowly when front or rear mounted attachment is in transport position.
- Take all possible precautions when leaving the vehicle unattended, such as disengaging the attachment clutch lever or switch, lowering the attachments, shift tractor into neutral, setting the parking brake, stopping the engine, and removing the key.
- Do not stop or start suddenly when going uphill or downhill.
- Reduce speed on slopes and make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
- Do not shift gears while going up or down slopes. Choose a gear low enough to negotiate the slope without stopping and shifting gears.
- Stay alert for holes in the terrain and other hidden hazards.
- Do not drive too close to creeks, ditches and public highways.
- Exercise special care when removing snow around fixed objects in order to prevent the blades from striking them. Never deliberately run tractor or snow thrower into or over any foreign objects.
- Never shift gears until tractor comes to a stop.
- Never place hands or feet near the snow auger, in the deflector (discharge chute) or near any moving parts while tractor or snow thrower is running. Always keep clear of discharge chute.
- Use care when pulling loads or using heavy equipment.
- Use only approved drawbar hitch points.
- Limit loads to those you can safely control.
- Do not turn sharply. Use care when backing.
- Use counterweights or wheel weights and tire chains when suggested in this owner's manual.
- Never run snow thrower into heavy material at high speeds.
- Watch out for traffic when crossing or near roadways.
- When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
- Handle fuel with care - it is highly flammable.
- Use approved fuel containers.
- Never remove the cap of the fuel tank or add fuel to a running or hot engine, or fill the tank indoors. Wipe up spilled fuel.
- Open doors if the engine is run in the garage; exhaust fumes are dangerous. Do not run the engine indoors.
- Keep the vehicle and attachments in good operating condition, and keep safety devices in place. When using Three Point Hitch remove attachments from hitch before making any repairs on attachment or hitch.
- Keep all nuts, bolts, and screws tight, all cotter pins and retainer springs in place to be sure the equipment is in safe working condition.
- Never store equipment with fuel in the tank inside a building where fumes may reach an open flame or spark. Allow the engines to cool before storing in any enclosure.
- To reduce fire hazard, keep the engine free of grass, leaves or excessive grease.
- The vehicles and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
- Do not change the engine governor settings or overspeed the engine.
- When using the vehicle with a snow thrower, proceed as follows:
  - Remove snow only in daylight or in good artificial light.
  - Never make any adjustments while the engine is running if the operator must dismount to do so.
  - Shut the engine off when unlogging chute.
- Additional rear wheel weights are required to stabilize the tractor when the snow thrower is mounted to it.



**LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS-ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.**

**CONGRATULATIONS** on your purchase of a Sears Craftsman Snow Thrower. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact your nearest Sears Service Center/Department. We have competent, well-trained technicians and the proper tools to service or repair this unit.

Please read and retain this manual. The instructions will enable you to assemble and maintain your Snow Thrower properly. Always observe the "Safety Rules."

MODEL  
NUMBER: 842.242560

SERIAL  
NUMBER \_\_\_\_\_

DATE OF  
PURCHASE \_\_\_\_\_

THE MODEL AND SERIAL NUMBERS WILL  
BE FOUND ON A PLATE ATTACHED TO THE  
LEFT SIDE OF THE AUGER HOUSING.

YOU SHOULD RECORD BOTH SERIAL  
NUMBER AND DATE OF PURCHASE AND  
KEEP IN A SAFE PLACE FOR FUTURE  
REFERENCE.

## CUSTOMER RESPONSIBILITIES

- Read and observe the safety rules.
- Follow a regular schedule in maintaining, caring for and using your Snow Thrower.
- Follow the instructions under "Customer Responsibilities" and "Storage" sections of this Owner's Manual.

## PRODUCT SPECIFICATIONS

Width of Snow Pickup . . . . . 46.0 in.

Auger Housing Height . . . . . 23.5 in.

Snow Auger Diameter . . . . . 13.0 in.

Discharge Opening . . . . . 6.0 in.

Discharge Chute Rotation . . . . . 240°

Adjustable Skid Shoes . . . . . 0 to 1.5 in.

Power by Tractor Engine

Replaceable Scraper

## LIMITED ONE YEAR WARRANTY ON SNOW THROWER ATTACHMENT

For one (1) year from the date of purchase, if this Snow Thrower Attachment is maintained, lubricated and tuned up according to the instructions in the owner's manual, Sears will repair or replace, free of charge, any parts found to be defective in material or workmanship.

This Warranty does not cover:

- Expendable items which become worn during normal use, such as belts.
- Repairs necessary because of operator abuse, negligence, improper storage or accident or the failure to maintain the equipment according to the instructions contained in the Owner's Manual.
- Snow Thrower Attachment used for commercial or rental purposes.

**WARRANTY SERVICE IS AVAILABLE BY RETURNING THE SNOW THROWER TO THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.**

This Warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

**SEARS, ROEBUCK AND CO., D/817 WA, HOFFMAN ESTATES, ILLINOIS 60179**

# TABLE OF CONTENTS

Safety Rules.....	2	Assembly.....	17
Customer Responsibilities .....	3	Operation.....	18-20
Warranty .....	3	Customer Responsibilities.....	21-22
Product Specifications.....	3	Service & Adjustments.....	23-24
Accessories.....	5	Storage.....	25
Contents of Hardware Bag.....	6-7	Troubleshooting .....	26
Contents of Carton .....	8	Repair Parts.....	27-33
		Service Notes .....	34-35

## INDEX

<b>A</b>		<b>O</b>	
Accessories.....	5	Operation:	
Adjustments:		Know your Snow Thrower .....	18
Skid Shoes.....	23	Controls.....	18
Lift Assist Springs.....	24	Stopping .....	19
Discharge Chute.....	24	Transport.....	19
Discharge Chute Drive Tube .....	24	To Remove Snow.....	19
Lift Height .....	23	Operating Suggestions .....	20
Side To Side Leveling .....	23		
<b>B</b>		<b>R</b>	
Belt:		Repair Parts.....	27-33
Installation.....	14-16	Rules For Safe Operation .....	2
<b>C</b>		<b>S</b>	
Controls:		Service And Adjustments:	
Attachment Clutch Switch .....	18	Drive Chain .....	24
Snow Thrower Lift Handle .....	18	Lift Assist Springs.....	24
Chute Control Rod.....	18	Lift Height.....	23
Snow Deflector Control Handle .....	18	Side to Side Leveling.....	23
Customer Responsibilities:		Skid Shoes.....	23
Maintenance Schedule .....	21	Service:	
Lubrication Chart.....	21	Maintenance Schedule .....	21
		Storage.....	25
<b>D</b>		Snow Removal:	
Drive Chain:		To Remove Snow.....	19
Installation And Adjustment .....	14	Operating Suggestions .....	20
<b>F</b>		Specifications .....	
Finish:			3
Maintenance .....	25	<b>T</b>	
(See Storage)		Troubleshooting Chart .....	26
<b>L</b>		<b>W</b>	
Lubrication:		Warranty.....	3
Lubrication Chart.....	22		



# ACCESSORIES

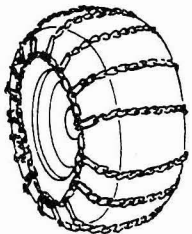
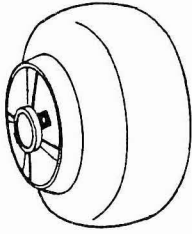
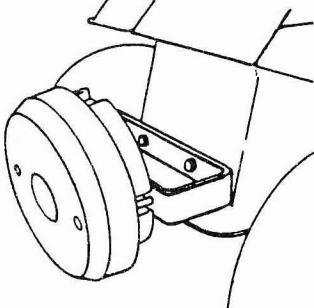

These attachments were available when the unit was purchased. They are also available at most Sears retail outlets and service centers. Most Sears stores can order these items for you when you provide the model number of your tractor.

## PERFORMANCE

Sears offers a wide variety of attachments that fit your vehicle. Many of these are listed below with brief explanations of how they can help you. This list was current at the time of publication; however, it may change in future years more attachments may be added, changes may be made in these attachments, or some may no longer be available or fit your model. **Contact your nearest Sears store for the accessories and attachments that are available for your unit.**

Most of these attachments do not require additional hitches or conversion kits (those that do are indicated) and are designed for easy attaching and detaching.

## SNOW THROWER PERFORMANCE

TIRE CHAINS	WHEEL WEIGHTS	DRAW BAR WEIGHT BAR	TRACTOR CAB
			
KNOW YOUR TIRE SIZE	KNOW YOUR TIRE SIZE	HOLDS 55 LB. WHEEL WEIGHT TO TRACTOR DRAW BAR	

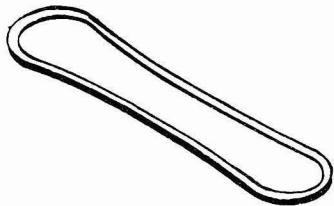
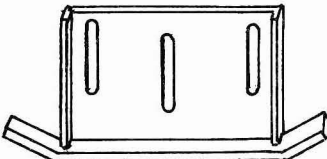
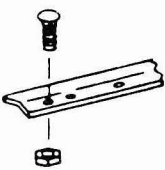
**TIRE CHAINS** are heavy duty; closely spaced extra-large cross links give smooth ride, outstanding traction.

**WHEEL WEIGHTS** for rear wheels provide needed traction for snow removal or dozing heavy materials. In pairs.

**TRACTOR CAB** has heavy duty vinyl fabric over tubular steel frame. ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl and windshields for use as sun protector in summer.

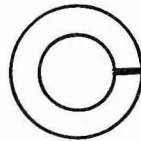
**Optional accessories for tractor cab:** tinted/tempered solid safety glass windshield with hand operated wiper; 12 volt amber caution light for mounting on cab top.

## SNOW THROWER MAINTENANCE

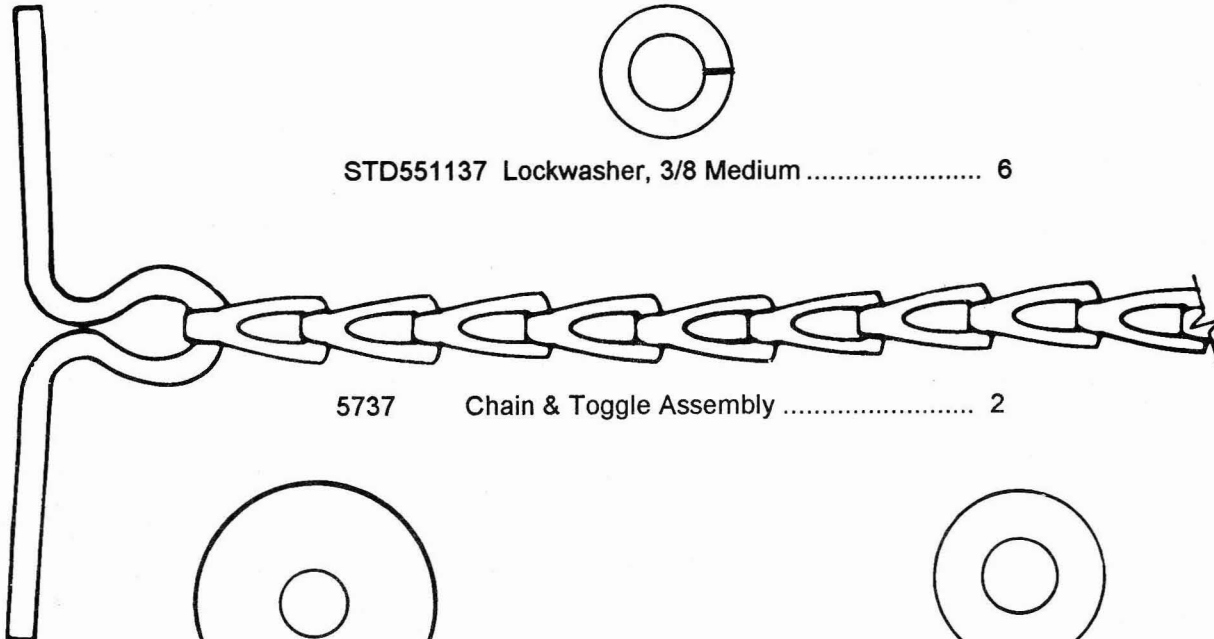
V-BELTS	SKID SHOES	SCRAPER
		

# CONTENTS OF HARDWARE BAG

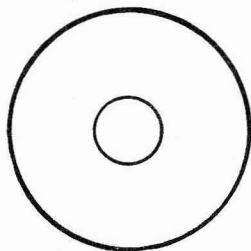
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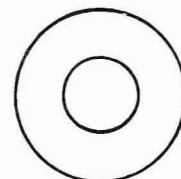
STD551137 Lockwasher, 3/8 Medium ..... 6



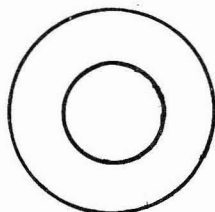
5737 Chain & Toggle Assembly ..... 2



17570 Washer, Flat..... 4



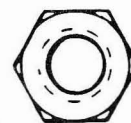
GM446363 Washer, 3/8 x 7/8 x .08..... 6



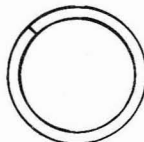
STD551050 Washer, 17/32 x 1-1/16 ..... 2



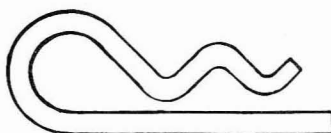
STD541431 Lock Nut, 5/16-18 Hex..... 4



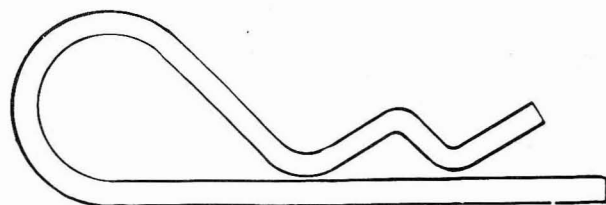
STD541437 Lock Nut, 3/8-16 Hex..... 3



5714 Spring Clip ..... 6



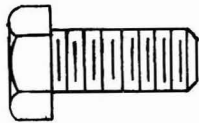
STD624005 Hair Cotter Pin..... 5



STD624010 Hair Cotter Pin..... 4

# CONTENTS OF HARDWARE BAG

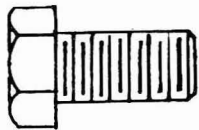
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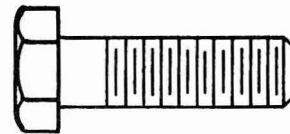
STD523107 Bolt, 5/16-18 x 3/4 Hex Head..... 4



STD523112 Bolt, 5/16-18 x 1-1/4 Hex Head..... 1



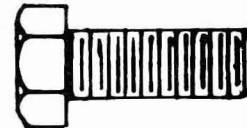
STD523707 Bolt, 3/8-16 x 3/4 Hex Head..... 3



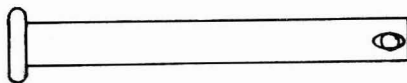
STD523712 Bolt, 3/8-16 x 1-1/4 Hex Head..... 2



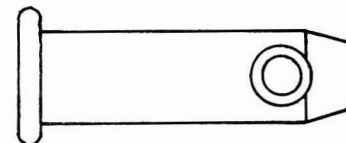
14004 Lag Screw 1/2 Hex Head..... 2



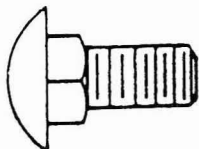
STD523710 Bolt, 3/8-16 x 1" Hex Head..... 4



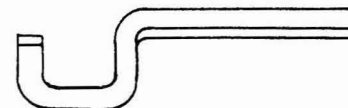
4001 Clevis Pin..... 2



3433 Clevis Pin..... 2



STD533107 Bolt - 5/16 x 3/4" Carriage..... 3



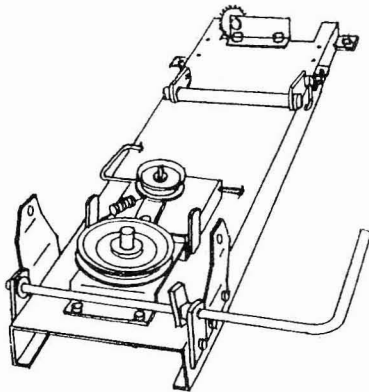
22794 Stack Anchor.....3



21363 Nut - 5/16-18 Hex Nylock.....3

# CONTENTS OF CARTON

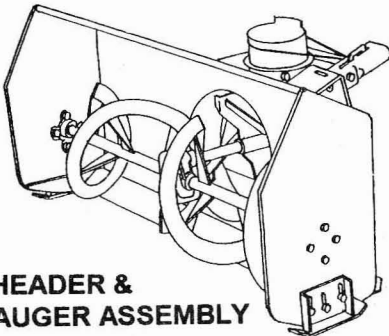
## PARTS PACKED SEPARATELY IN CARTON



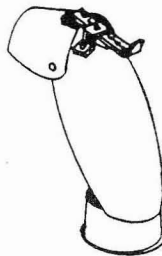
**MOUNTING ASSEMBLY**



**INSTRUCTION  
MANUAL**



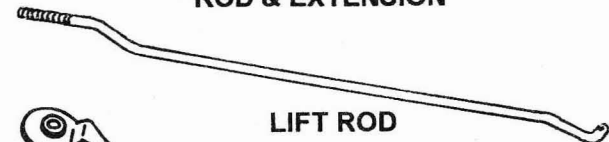
**HEADER &  
AUGER ASSEMBLY**



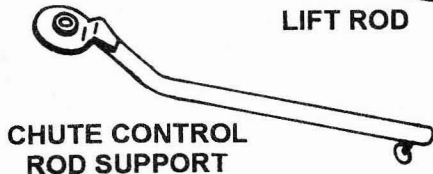
**DISCHARGE  
CHUTE**



**CHUTE CONTROL  
ROD & EXTENSION**



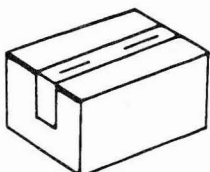
**LIFT ROD**



**CHUTE CONTROL  
ROD SUPPORT**

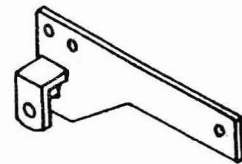


**LIFT HANDLE**

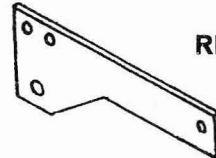


**BOX OF PARTS**

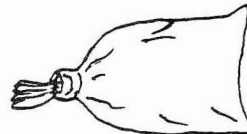
## PARTS BOX CONTENTS SHOWN NOT TO SIZE



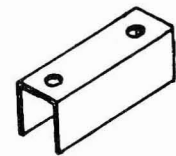
**RH REAR MOUNTING BRACKET**



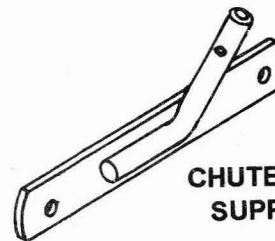
**LH REAR MOUNTING BRACKET**



**BAG OF PARTS**



**RAMP ANCHOR**



**CHUTE CONTROL ROD  
SUPPORT ANCHOR**



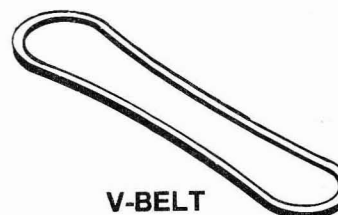
**(2) MOUNTING ANCHOR**



**FRONT  
MOUNTING PIN**



**(2) LIFT SPRING**



**V-BELT**



**ROLLER CHAIN**

# ASSEMBLY

## TOOLS REQUIRED FOR ASSEMBLY

A socket wrench set will make assembly easier. Standard wrench sizes are listed.

- (1) Knife
- (1) 3/8" Open End or Socket Wrench
- (1) 7/16" Open End or Socket Wrench
- (2) 1/2" Open End or Socket Wrench
- (2) 9/16" Open End or Socket Wrench
- (2) 3/4" Open End Wrench

## TO REMOVE UNIT FROM CARTON

### UNPACK CARTON

- Remove all accessible loose parts and parts box from carton. (See Fig. 1)
- Remove lag screw and plastic tie from mounting channel.
- Remove inner pack from inside carton.
- Cut down all four corners of carton from top to bottom and lay panels flat for clean mounting surface.
- Check for any additional loose parts and remove.

### CHECK CARTON CONTENTS

- Check all loose parts, box, and bag contents against carton contents and bag contents shown in manual.

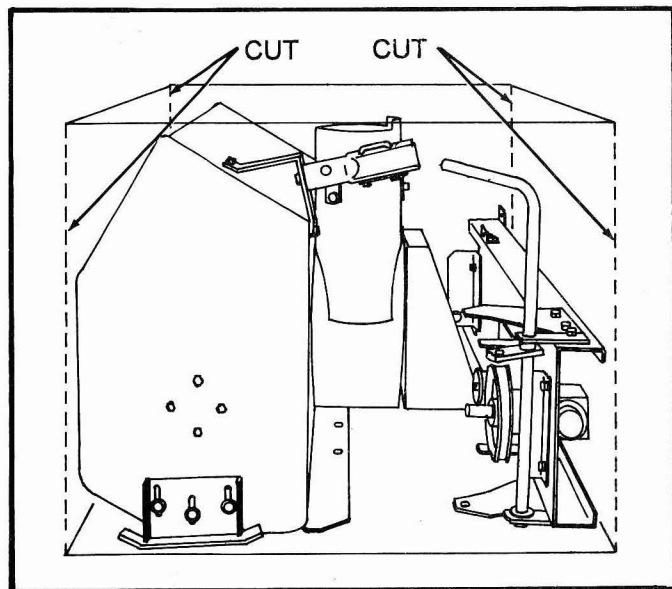


FIG. 1

When right and left are mentioned in this manual, it means when you are in the operating position (seated behind the steering wheel)

## CAUTION



BEFORE STARTING TO ASSEMBLE SNOW THROWER TO TRACTOR, REMOVE SPARK PLUG WIRE(S) FROM PLUG(S) AND KEY FROM TRACTOR IGNITION.

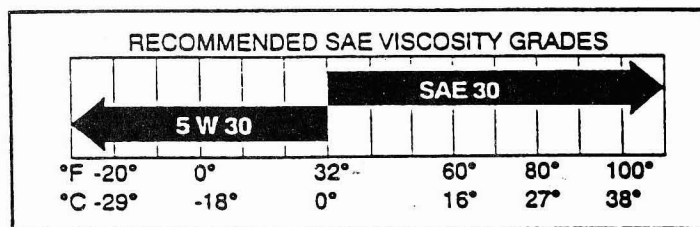
## PREPARATION OF THE TRACTOR FOR MOUNTING THE SNOW THROWER

### BEFORE USING YOUR SNOW THROWER WINTERIZE YOUR TRACTOR

- Check and set tire pressure. (See Tractor Manual)
- Change Tractor oil. (See Tractor Manual)

### ENGINE LUBRICATION

Only use high quality detergent oil rated with API service classification SG. Select the oil's SAE viscosity grade according to your expected operating temperature.



**NOTE:** Although multi-viscosity oil (5W30, 10W30, etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid engine damage from running low on oil.

- Drain and refill gas tank with fresh gas.
- **NOTE:** In cold climate areas the gasoline sold at stations is winterized for cold weather starting problems. (Do Not use gasoline purchased during the Summer.)
- Clean and gap spark plugs. (Replace if electrodes are burned or damaged.)
- Inspect, clean and or replace Air Cleaner.
- Check Battery fluid level and add water to fill if necessary. (See Tractor Manual)
- Clean and tighten both Positive and Negative terminals of the battery. (See Tractor Manual)

# ASSEMBLY

## REMOVE THE MOWER

- Before installing your Snow Thrower, you must remove your Mower from the Tractor.
- See your Tractor Owner's Manual for proper procedures for removing the mower.
- The Rear Suspension Arms may remain with the tractor.
- Store seven retainer springs and two front links with the mower.

## ASSEMBLE LEFT REAR HANGER TO TRACTOR FRAME

- Remove two bolts from tractor frame at left side. (See Fig. 2)
- Install Left Rear Hanger to side of tractor frame with hanger clevis toward the inside.
- Secure Left Rear Hanger with one 3/8 x 1 hex bolt, one flat washer, and one lock washer, and one 3/8 x 3/4 hex bolt with one lock washer.

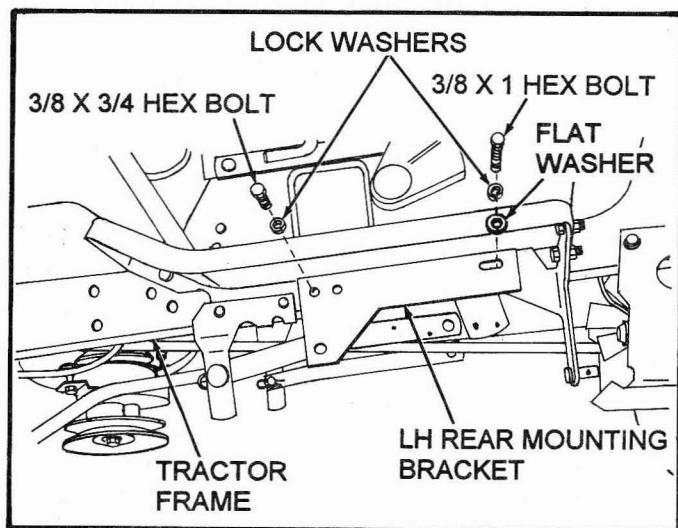


FIG. 2

## ASSEMBLE RIGHT REAR HANGER TO TRACTOR FRAME

- Remove two bolts from tractor frame at right side. (See Fig 3)
- Install Right Rear Hanger to side of tractor frame with hanger clevis toward the inside.
- Secure Right Rear Hanger with two 3/8 x 3/4 hex bolts, one flat washer, and two lock washers.

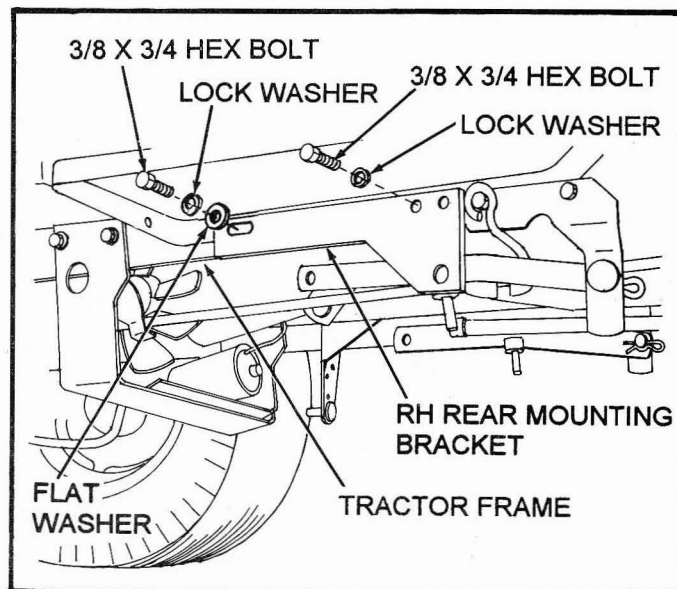


FIG. 3



# ASSEMBLY

## ASSEMBLE MOUNTING ANCHORS

- Remove 3/8" Nylock Nut from the tractor frame.
- Assemble Mounting Anchor over bolt and reassemble Nylock Nut While holding Mounting Anchor at approximately 45 degrees to frame. (See Fig 4)
- Repeat the above steps on the right side of the tractor

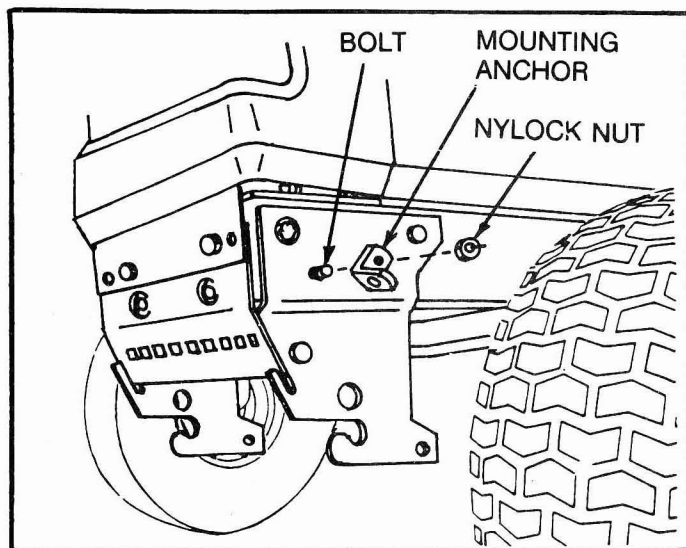


FIG. 4

## ASSEMBLE THE CRANK ROD SUPPORT ANCHOR

- Remove the plastic cap from height indicator scale. (See Fig 7)
- Disassemble and discard 5/16 x 1" bolt that holds the height indicator scale to the tractor.
- Remove two 3/8 x 1/2 bolts and the height indicator pointer from the side of the tractor frame.
- Position the Crank Rod Support Anchor over the two holes and secure it with one 3/8 lock washer and one 3/8 x 1 1/4" bolt in the front hole (See Fig 5)
- Place the height indicator point over the rear hole of the Crank Rod Support Anchor and secure it parallel with one 3/8 lock washer and one 3/8 x 1 1/4" bolt.
- Place 5/16 x 1 1/4" hex bolt through 5/16 lock washer, one 11/32 x 1 1/2 flat washer, height indicator scale, one 11/32 x 1 1/2, four 1/8" thick washers and secure to tractor lift shaft. (See Fig. 6)
- Reassemble plastic cap.

NOTE; When mower is reassembled to the tractor, the height indicator scale should be adjusted.

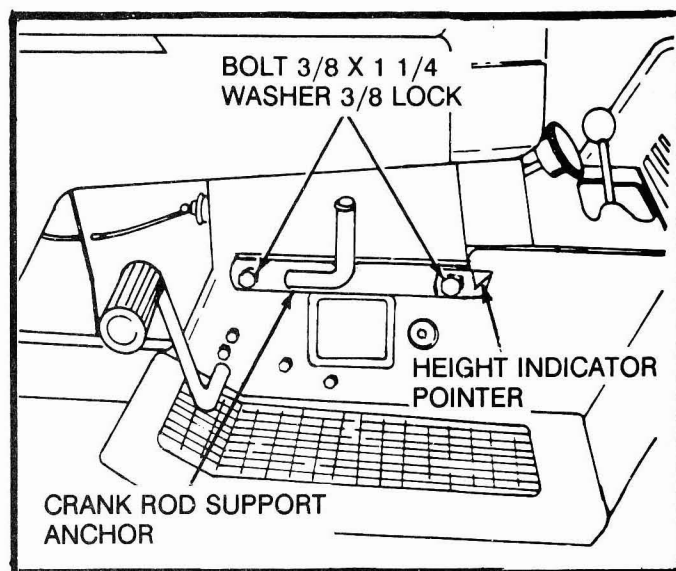


FIG. 5

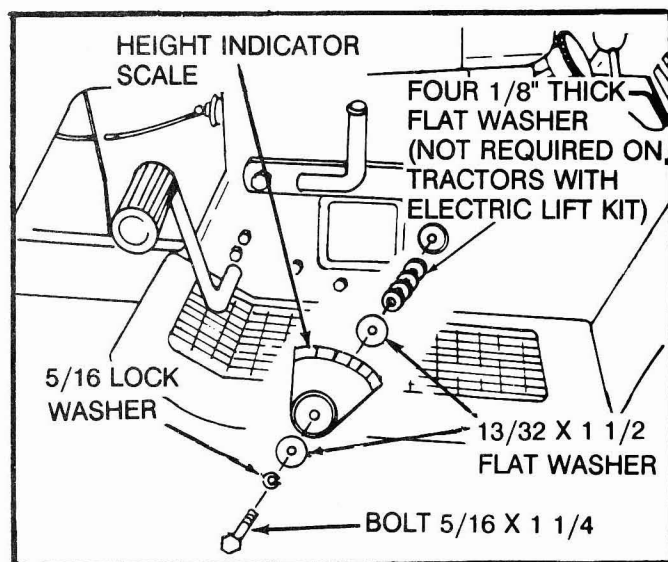


FIG. 6

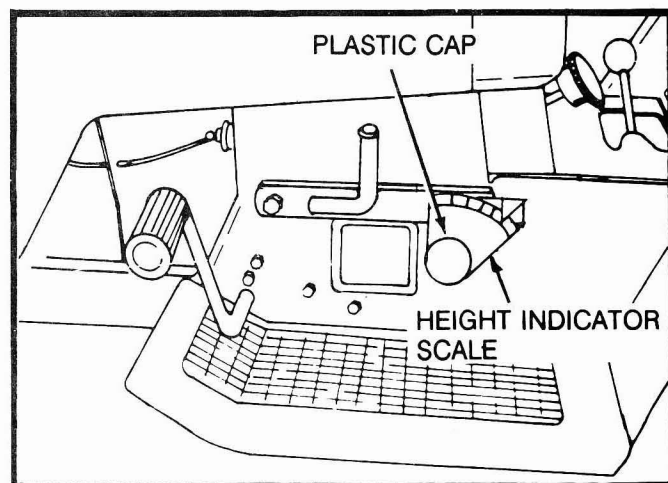


FIG. 7

# ASSEMBLY

## PREPARATION OF THE SNOW THROWER FOR MOUNTING TO THE TRACTOR

### ASSEMBLE DISCHARGE CHUTE TO SNOW THROWER HEADER

- Loosen 3/8" Nut and Lockwasher Assembly that holds Chute Control Cable Assembly to the Auger Housing and move cable down away from Anchor Mounts. (See Fig. 8 & 9)
- Insert 5/16 x 3/4" Carriage Bolt through one of the holes in the Stack of the Auger Housing with the head of the bolt to the inside of the stack. (See Fig. 8)
- place one Stack Anchor onto the bolt.
- Install 5/16-18 Nylock Hex Nut finger tight onto bolt.
- Install, finger tight, two other Carriage bolts, Stack Anchors and Nylock Nuts to the remaining two holes of the Stack.
- Lubricate the outside of the Auger Housing Stack and the inside of the Discharge Chute with WD-40 or equal.
- Install Discharge Chute onto the Stack of the Auger Housing with the discharge opening facing forward.
- Place hook of Stack Anchors over the lip of the Discharge Chute, push Stack Anchors up, Pull out to seat square of carriage bolt in hole and tighten Nylock Nut at all three Stack Anchors.

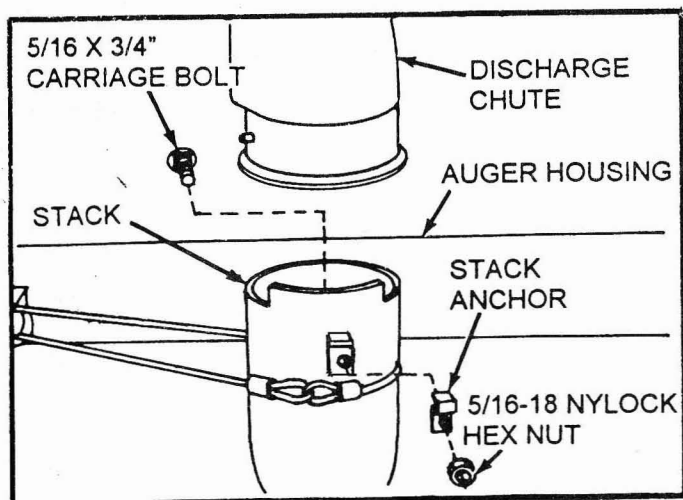


FIG. 8

- Move the Chute Control Cable up from the Stack of the Auger Housing onto the bottom of the Discharge Chute. (See Fig. 9)

NOTE: Make sure top strand coming off Chute Control Cable Assembly goes around front of Discharge Chute.

- Place both loops of the Chute Control Cable over the 1/4" Hex Bolt and the 1/4" Flat Washer on the right hand side of the Discharge Chute.

- While keeping tight pressure to the left on the Chute Control Cable Assembly, remove cable tie from the cable, slide the Chute Control Cable Assembly to the left until cable is taut and retighten 3/8" Nut and Lockwasher Assembly to secure Chute Control Cable Assembly

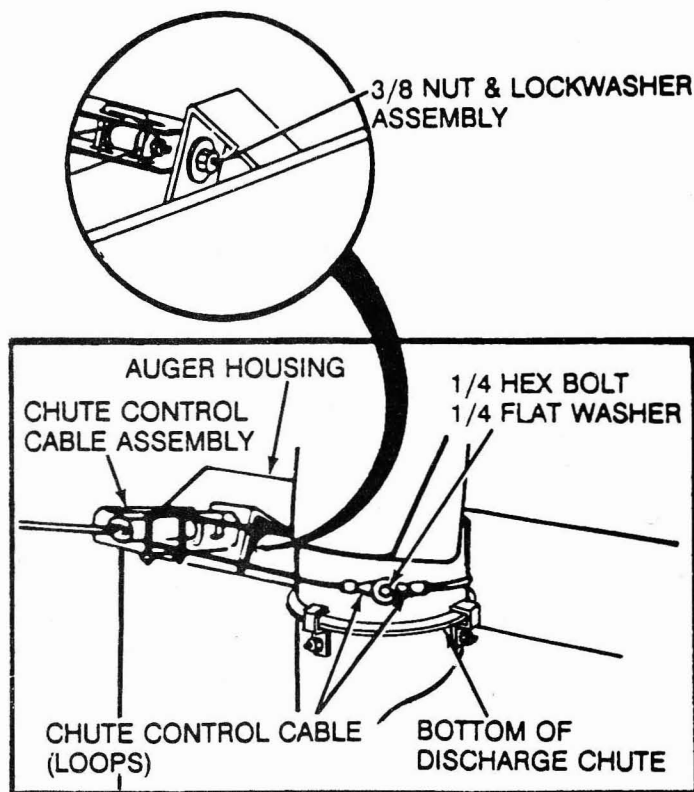


FIG. 9

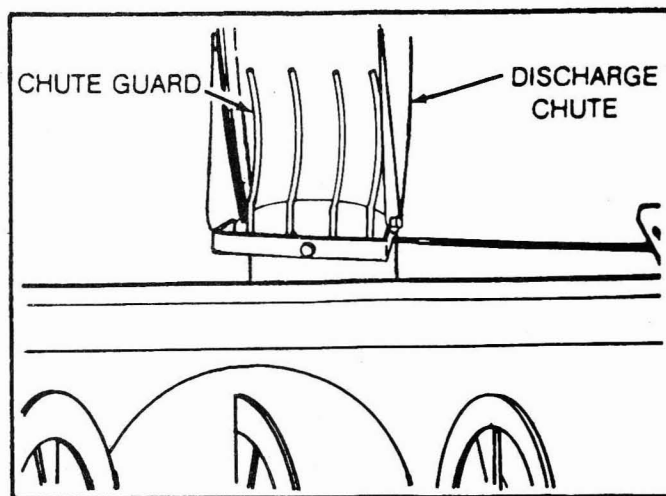


FIG. 10

# ASSEMBLY

## REMOVE DRIVE CHAIN COVER FROM HEADER

- Remove six cap screws from drive chain cover and set aside screws and cover for reinstalling later. (See Fig 11)

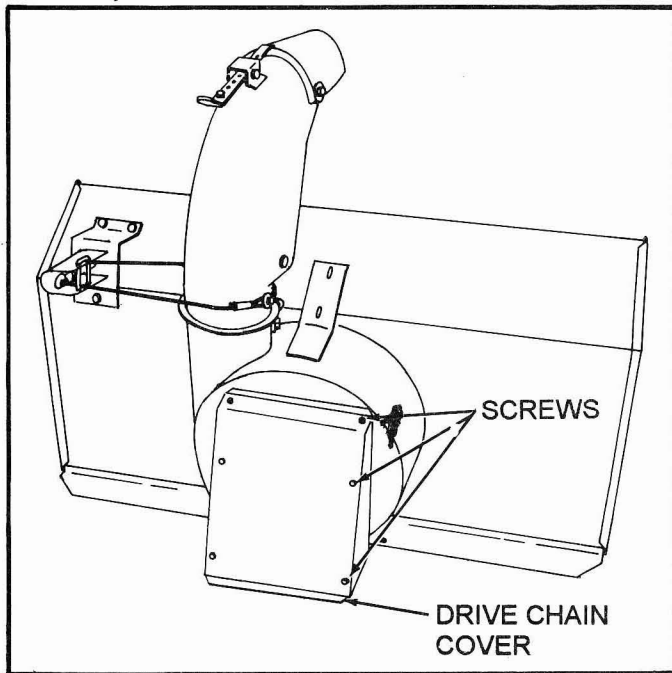


FIG. 11

## INSTALL MOUNTING CHANNEL TO SNOW THROWER HEADER

- Before proceeding with mounting, cut three 2x4 boards approximately 25" long to be used in mounting.
- Place one 2x4 under each end of snow thrower header. (See Fig 12)
- Place front of the mounting channel onto top of mounting lip of snow thrower header then slide third 2x4 under rear of mounting channel.
- Secure finger tight only, front of mounting channel to mounting lip of snow thrower header with three 3/8 x 1" hex bolts and three 3/8 hex lock nuts.
- Remove the three 2x4s from under the unit.
- Pivot the Snow Thrower forward onto front of the Auger Housing. (See Fig. 13)
- Insert four 5/16 x 3/4 hex bolts, two at each side, up through four holes at sides of mounting channel, through header/channel supports and secure hand tight with four flat washers and four 5/16 hex lock nuts.
- Secure all bolts which were hand tightened.

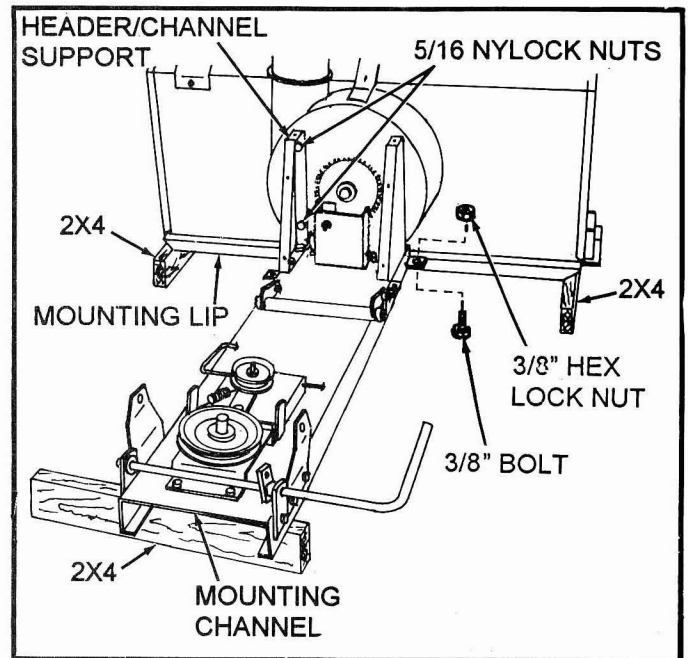


FIG. 12

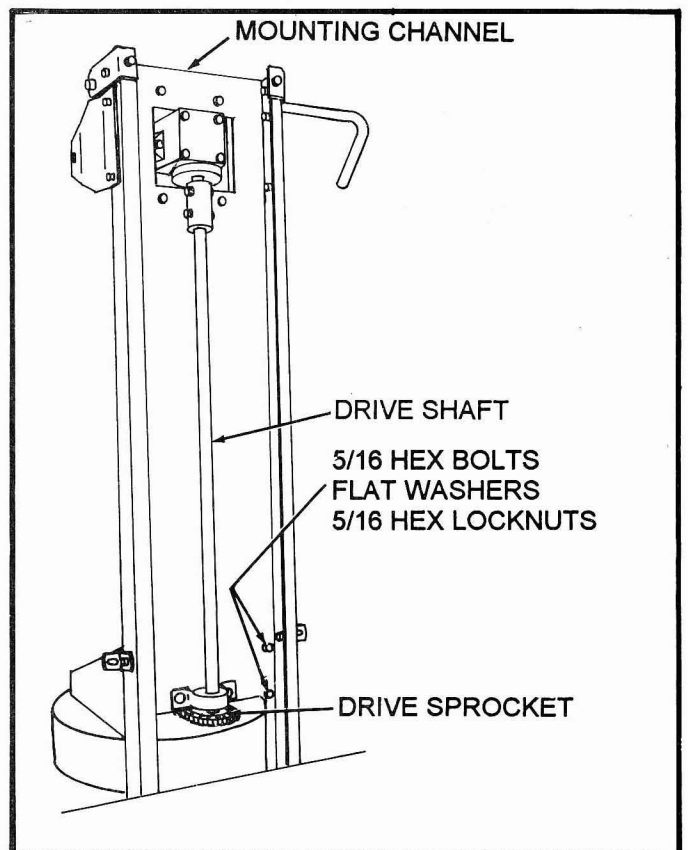


FIG. 13

# ASSEMBLY

## INSTALL DRIVE CHAIN

- Place chain around large sprocket. (See Fig. 13A)
- Compress idler tension spring and install chain around idler sprocket.
- Pull both loose ends of the chain toward the drive sprocket.
- Assemble loose ends of the chain toward the drive sprocket.
- Pull chain tight to allow the last roller of each end to fit into adjacent notches of the drive sprocket.
- Insert connecting link up through the holes in the chain and install link strap.
- Install retaining clip to secure link strap.  
NOTE: Retaining clip must be installed with the closed end toward the direction of rotation.
- Tighten idler tension nut until idler spring is compressed to 5/8 to 3/4 of an inch.
- Pivot the Snow Thrower backward and lower the mounting channel to the ground.
- Reinstall the Drive Chain Cover and six screws.

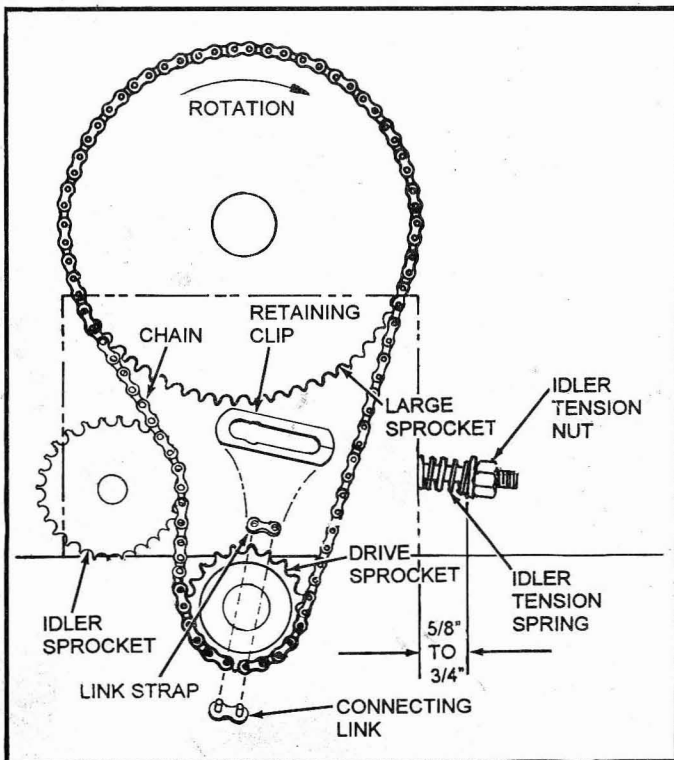


FIG. 13A

## INSTALL LIFT ROD

- Install adjustment anchor of Lift Rod through hole in right end of front lift assembly and secure with flat washer and small hair cotter pin. (See Fig. 14)
- Install Lift Rod through hole in strap of lift bar and secure with flat washer and small hair cotter pin with rod toward inside and pin to the outside.

## DISCONNECT LIFT LINKS

- Temporarily disconnect control rod anchor of lift link rod from front lift assembly at both sides

## INSTALL V-BELT TO GEARBOX PULLEY

- Install V-belt into groove around gearbox pulley and place to left of the spring loaded idler pulley. (See Fig 14)

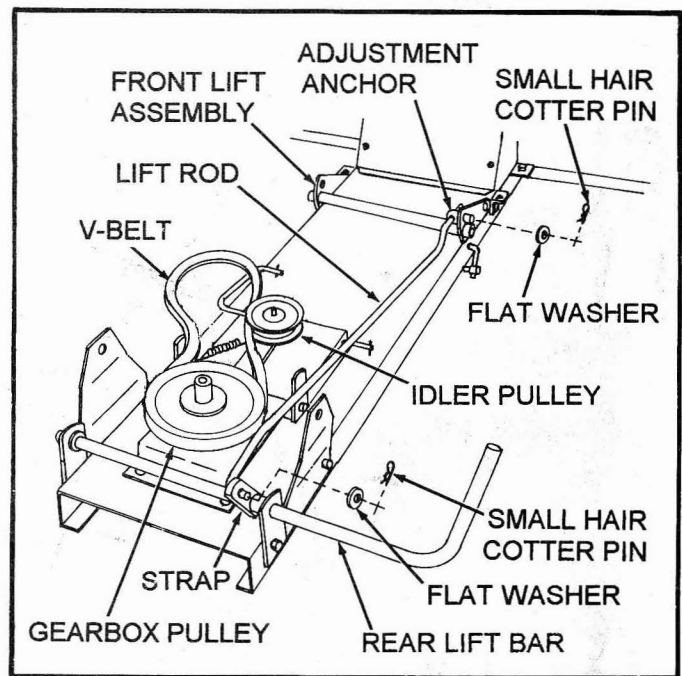


FIG. 14

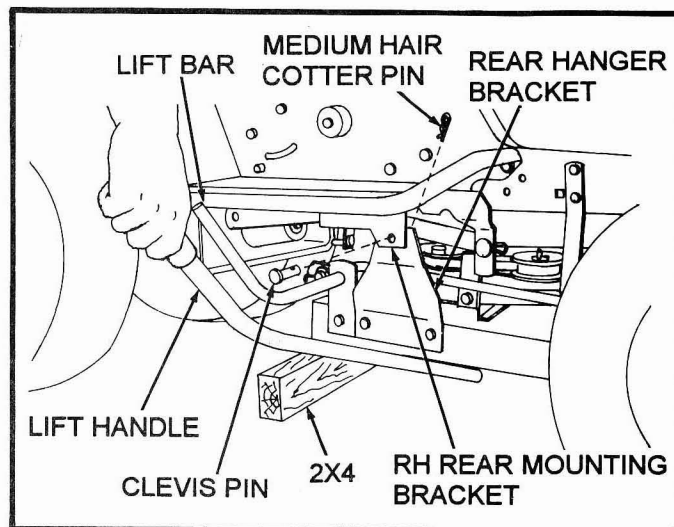
# ASSEMBLY

## MOUNTING SNOW THROWER TO TRACTOR

### TO ASSEMBLE THE SNOW THROWER TO THE TRACTOR

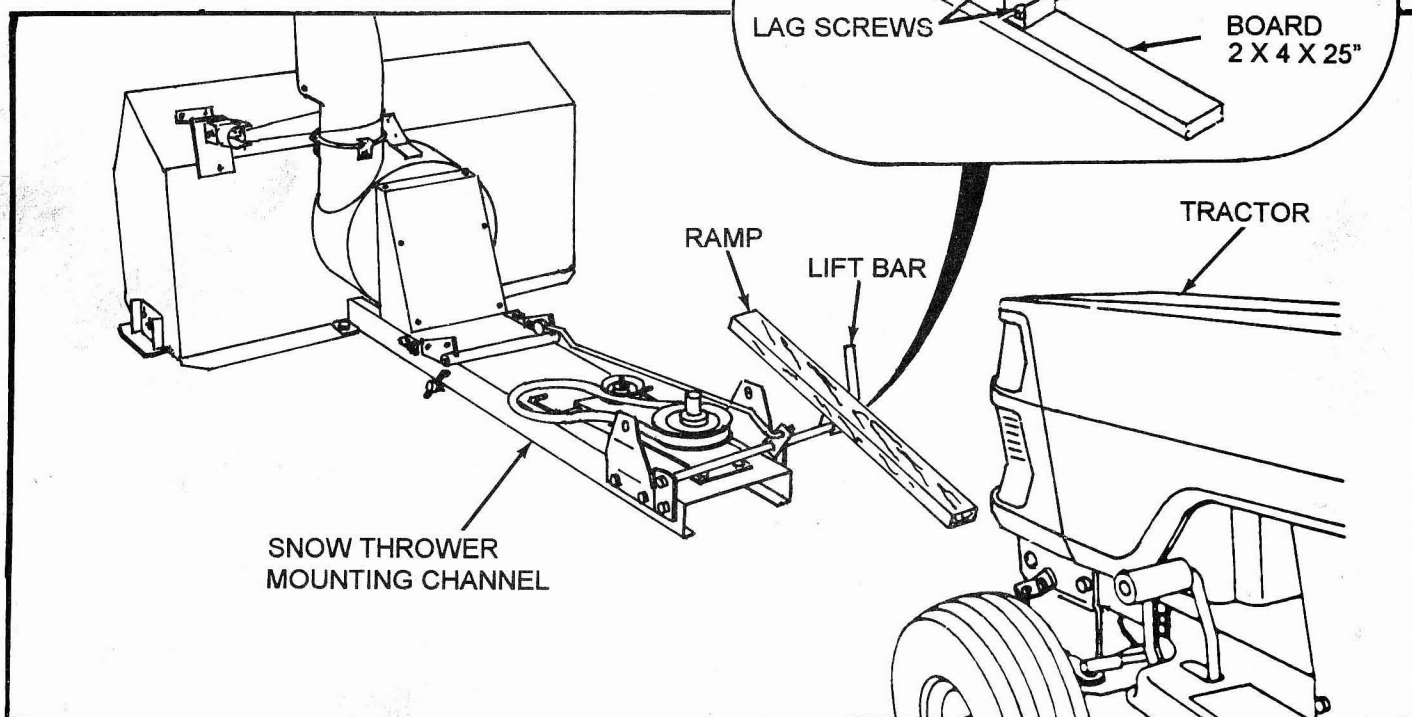
**NOTE:** Before installing the snow thrower to your tractor you will be required to assemble a ramp to assist in the installation of the Snow Thrower to the Tractor

- Use one 2x4 which you have all ready cut to assemble the ramp.
- Place the ramp anchor in the center of the board and secure with two lag screws. (See Fig 15)
- Move the Mover Lift Handle of the tractor to the raised position.
- Position The ramp on top of the Snow Thrower lift bar as far to the right of the lift bar as possible.
- Disengage tractor transmission with Free Wheel Control. (See Tractor Manual)
- Roll tractor forward until right front tire makes contact with the ramp.
- Roll right front tire by hand, forward over the ramp.
- Remove ramp from the Snow Thrower lift bar.
- Position Snow Thrower Mounting Channel in line with the mounting brackets. (See Fig. 15)
- Raise rear of Snow Thrower Mounting Channel and place 2x4 under the mounting channel in the area of the lift bar. (See Fig. 16)



**FIG. 16**

- Use Lift Handle to lift Snow Thrower Mounting Channel, align the holes of rear hanger plates with holes in clevis of rear hanger plates, and secure with clevis pins and medium hair cotter pins.
- Remove 2X4 from under mounting channel.



**FIG. 15**



# ASSEMBLY

## INSTALL PIN THROUGH FRONT LIFT ASSEMBLY

- Move Snow Thrower Lift Handle forward to lowered position.
- Turn front wheel of tractor to left as far as they will turn. (See Fig. 17)
- Align tube of front lift assembly with holes in tractor Attachment plates and insert pin through plate holes and tube.
- Secure pin with large hair cotter pin at each end.
- Straighten tractor wheels to front.

## RECONNECT LIFT LINKS

- Install control rod anchor of lift link rod into each side of front lift assembly and secure with small hair cotter pins. (See Fig. 17)

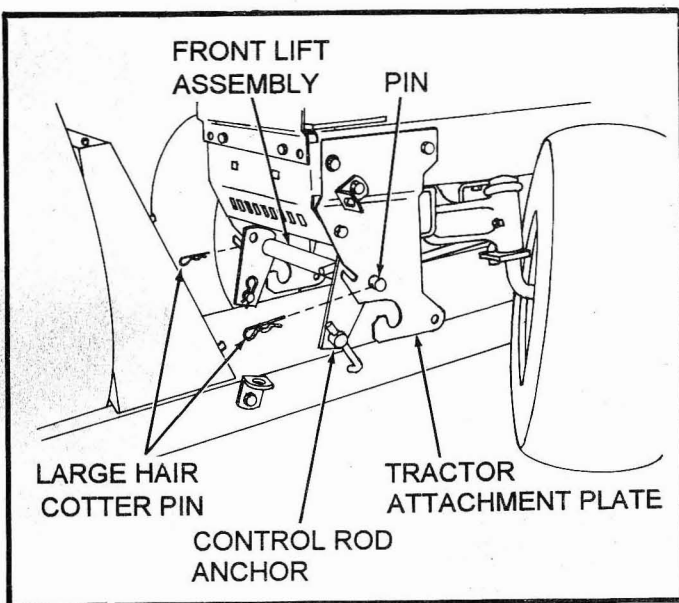


FIG. 17

## INSTALL V-BELT TO TRACTOR

- Roll V-belt around engine pulley from right side to left side. (See Fig. 18)

## INSTALL IDLER LOCATING ROD

- Slide idler locating rod to the left and insert end of idler locating rod into bottom hole in tractor frame. (See Fig. 18)
- Secure idler locating rod to tractor with small hair cotter pin

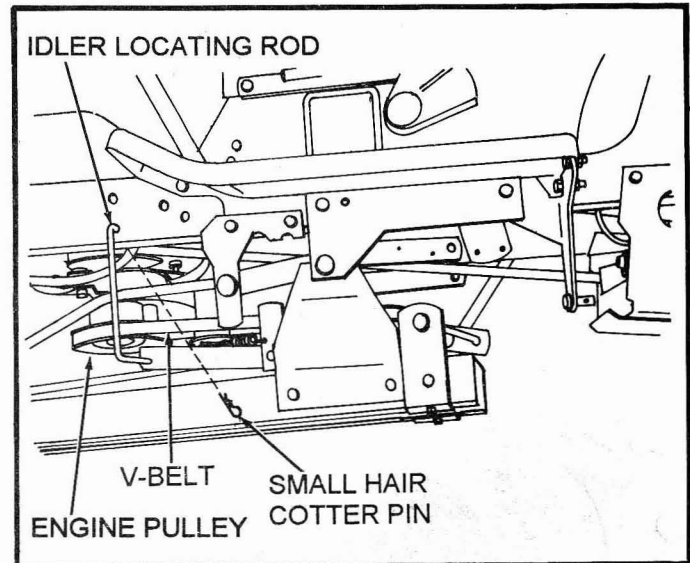


FIG. 18

## ASSEMBLE LIFT HANDLE TO THE SNOW THROWER

- Slide Lift Handle over the end of the lift Bar with the offset toward the operators position of the tractor. (See Fig. 19)

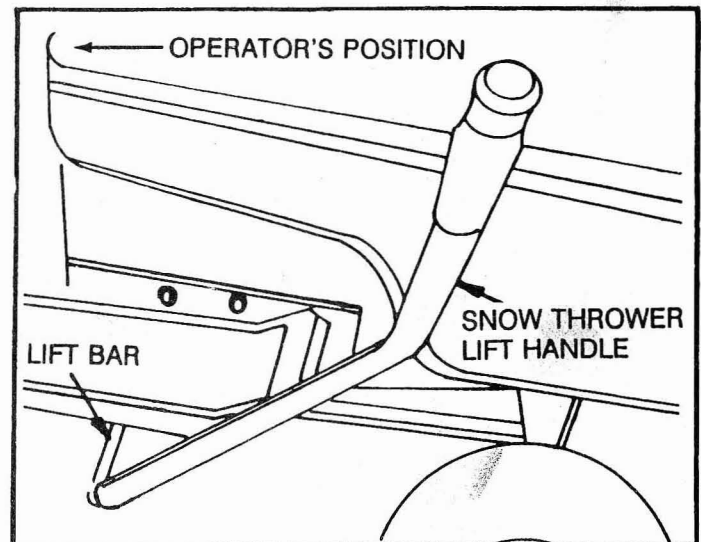


FIG. 19



# ASSEMBLY

## ASSEMBLE CHUTE CONTROL SUPPORT

- Place Chute Control Rod Support over pin on chute control rod support anchor and secure by tightening chute control anchor bolt. (See Fig. 20)
- Insert hooked end of Chute Control Rod Extension into eyebolt of chute control cable assembly.
- Slide Chute Control Rod through Chute control rod support and into chute control rod extension.

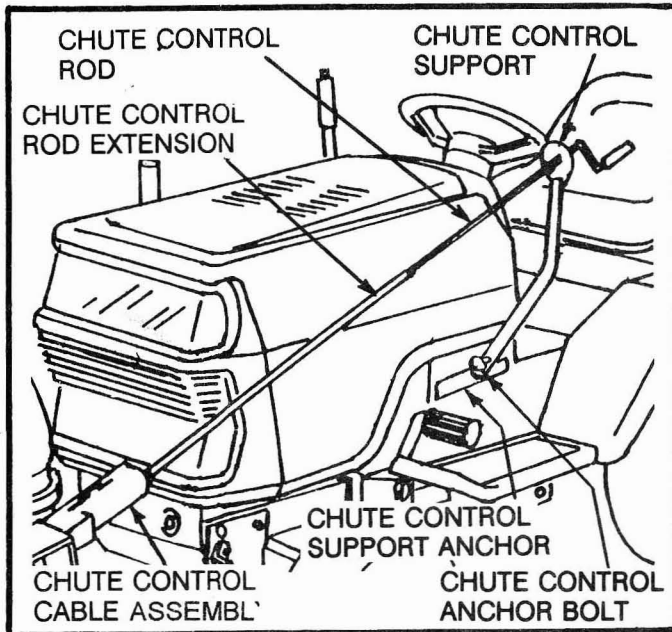


FIG. 20

## ASSEMBLE THE LIFT ASSIST SPRINGS TO THE TRACTOR

- Place Snow Thrower in the raised position.
- Thread Chain and Toggle Assembly through the mounting anchor. (See Fig 21)
- Hook one end of the Lift Assist Spring into the hole of the channel mounting anchor and the other end into the last link of the Chain and Toggle Assembly.
- Pull on toggle end of Chain and Toggle Assembly, exerting slight pressure on Lift Assist Spring, then insert large hair cotter pin through chain just above the mounting anchor.
- If Chain and Spring are not taunt, you must apply slightly more pressure.
- Assemble Lift Assist Spring on right side of tractor using the same procedure.

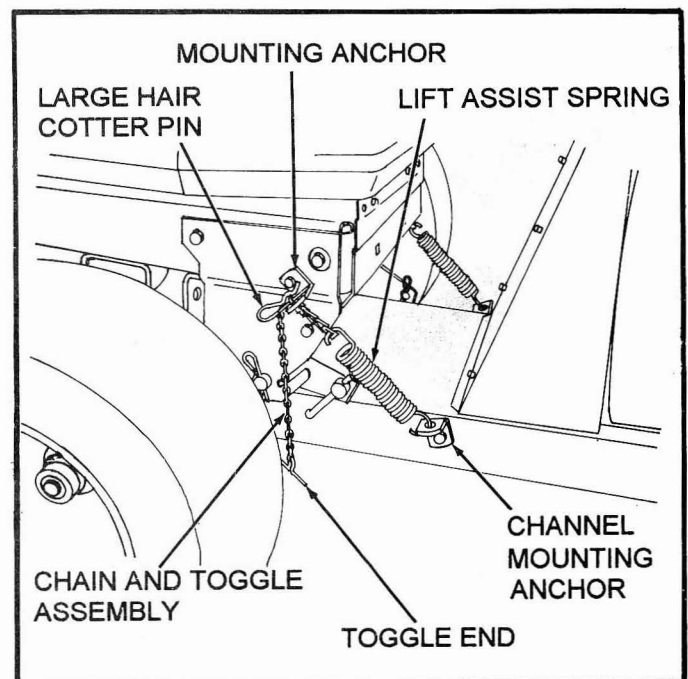


Fig. 21

# OPERATION

## KNOW YOUR SNOW THROWER

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR SNOW THROWER

**COMPARE** the illustrations with your Snow Thrower and Tractor. Familiarize yourself with the location of various controls and adjustments. Save the manual for future reference.

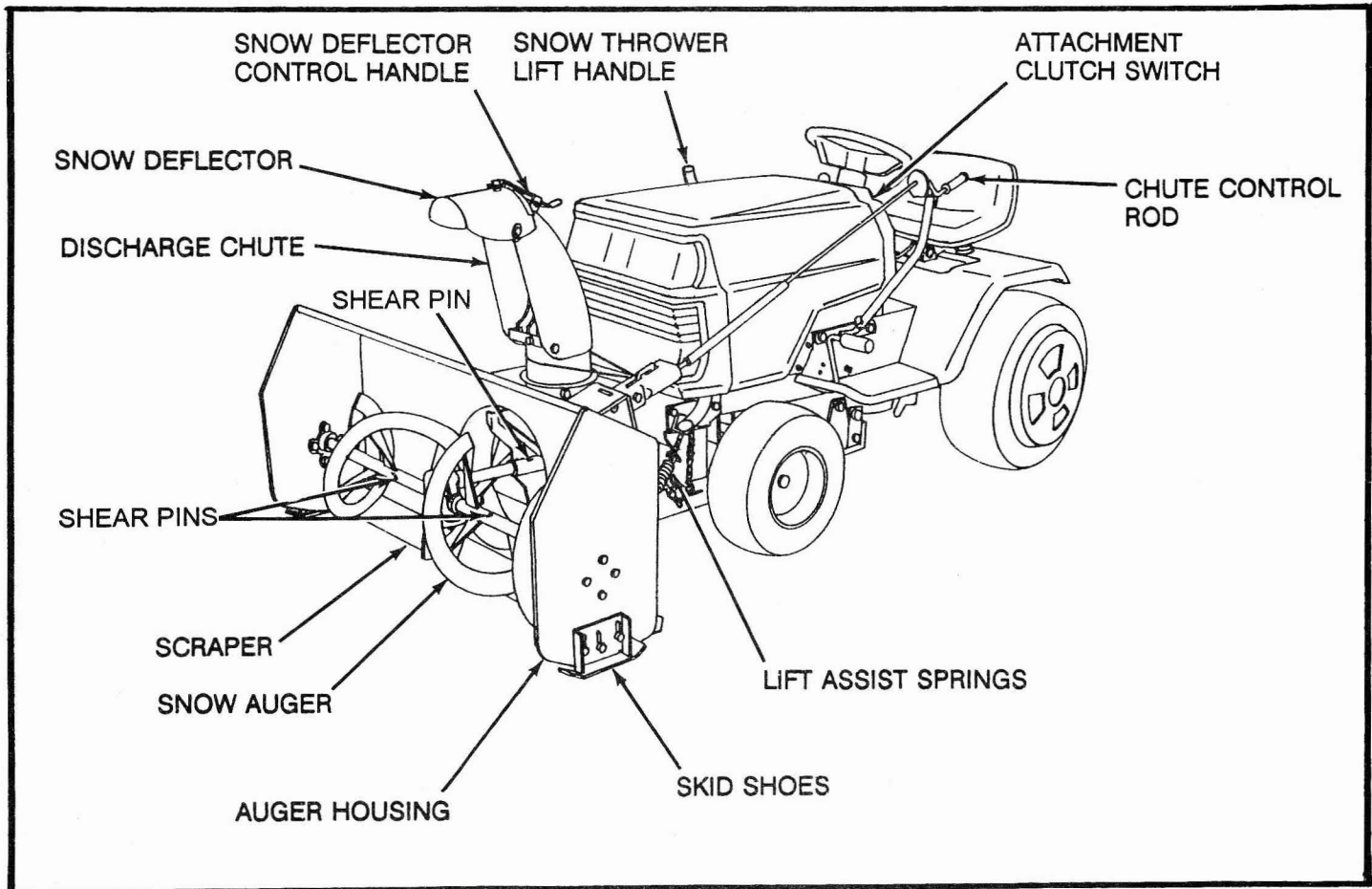


FIG. 22

**ATTACHMENT CLUTCH SWITCH** - starts and stops Snow Auger.

**SNOW THROWER LIFT HANDLE** - selects Snow removal or transport position. (This will replace Mower Lift Handle for Snow Thrower Attachments)

**CHUTE CONTROL ROD** - selects direction of snow discharge.

**SNOW DEFLECTOR CONTROL HANDLE** - selects distance snow is discharged.

**DISCHARGE CHUTE** - holds snow together for controlled discharge.

**SNOW DEFLECTOR** - controls snow discharge distance.

**SKID SHOES** - controls distance Scraper is set from ground.

**LIFT ASSIST SPRINGS** - control the amount of weight that is forced down on the Scraper.

**SHEAR PINS** - one in each auger and one in thrower fan for protection from heavy shock load damage. Pins must be replaced if sheared to continue operation

# OPERATION



The operation of any Snow Thrower can result in foreign objects thrown into the eyes which can result in severe eye damage. Always wear safety glasses or eye shields before starting and during operation of Snow Thrower. We recommend wide vision safety mask for over the spectacles or standard safety glasses.

## HOW TO USE YOUR SNOW THROWER

(See Fig. 22)

### STOPPING

- Move Attachment Clutch Switch to "DISENGAGED" position.

### HOW TO CLEAR A PLUGGED DISCHARGE CHUTE

If Snow Thrower becomes plugged with snow or jammed due to hitting an obstruction, proceed as follows:



- Disengage Attachment Clutch Switch
- Shut off Tractor.
- Set Parking Brake.
- Remove spark plug(s) wire(s).
- Remove Lift Handle and use it to push snow back down into Auger Housing.
- Reassemble Lift Handle.
- Replace spark plug(s) wire(s).
- Resume snow removal.

### TRANSPORT

- Always transport with the Snow Thrower in the raised position and the Attachment Clutch Switch disengaged.
- Pull back on Snow Thrower Lift Handle until it locks in the up position.

### TO CONTROL SNOW DISCHARGE

- The Chute Control Rod controls the direction of the discharge. Turn rod to the right to direct snow to the right side of the Tractor and turn it to the left for the opposite effect.

## SNOW DISCHARGE DISTANCE CONTROL

- The distance snow will be discharged can be adjusted by moving the Snow Deflector.
- To increase distance snow is discharged, pull down on Snow Deflector Control Handle and lock in position.

### TO REMOVE SNOW

- Turn Discharge Chute Control Rod to desired direction of discharge.
- Move Snow Deflector to desired discharge distance.
- Start Tractor Engine and move Throttle Control to full speed.
- Move Attachment Clutch Switch to "ENGAGED" position.
- Push forward on Lift Handle to lower Snow Thrower to ground level.
- Select lowest Tractor ground speed at Tractor Full Throttle and engage Tractor Ground Drive.

### LIFT ASSIST SPRINGS

- The Lift Assist Springs help in carrying the weight of the Snow Thrower. For extra scraping ability in packed or hardened snow, decrease Spring Tension.

### SKID SHOES

- The Skid Shoe mounted on each side of the Auger Housing adjusts the distance scraping is raised above the surface. When removing snow from an uneven surface or a gravel driveway, it is advisable raising scraper as high above the surface as possible to prevent possible damage to the snow Auger and to help prevent stones from being thrown with snow. On blacktop or concrete, keep the scraper as close to the scraping surface as possible.

# OPERATION

## SNOW THROWING HINTS

### OPERATING SUGGESTION

- The operating capacity of your Snow Thrower can be increased by careful observance of operating rules. Your Snow Thrower is capable of handling heavy snow conditions. However, giving the equipment the opportunity to function within reasonable requirements will assure you of longer equipment life, less possibility of damage to the unit and require less power to operate. Make certain that you are totally familiar with all aspects of both the Tractor and your Snow Thrower prior to its usage.
- The Snow Auger speed is directly related to engine speed. For maximum snow removal and discharge maintain high engine RPM (full throttle). It is advisable to operate the Tractor at a slow ground speed for safe and efficient snow removal. (Usually first gear at full throttle)
- Chains are required for traction while removing snow. Additional Wheel Weights are recommended to increase traction in severe conditions. Rear Draw Bar Mounted Weights are also available.

### IMPORTANT OPERATING HINTS

- Check the Tractor and Snow Thrower to make certain both are in good operating condition.
- Fill gas tank out of doors and avoid spilling gasoline over engine. Do NOT fill tank with gasoline while smoking or while engine is running.
- Do NOT remove any guards or covers while operating Tractor and Snow Thrower or make any adjustments while dismounted from the operating position.
- Before the first snowfall, the area in which snow removal is to take place should be cleared of all stones, sticks and the like which might be picked up by the Snow Auger. All obstacles should be marked to protect the Tractor and Snow Auger from possible collision.
- A light coat of wax applied to the inside surface of the Auger Housing will prevent snow and ice from sticking to it. The inside of the Discharge Chute and Deflector should be waxed several times during the snow removal season.
- For best results, snow should be removed as soon as possible after it falls.
- In deep, drifted, or banked snow, it will be necessary to use full throttle and a slow forward ground speed. Drive the Snow Auger into the snow, depress Tractor Clutch-Brake Pedal and allow Snow Auger to clear snow. Repeat this method until a path is cleared. On second pass overlap the first enough to allow the Snow Auger to handle the snow without repeated stopping and starting Tractor ground speed.

- Snow removal conditions vary so greatly from the first light fluffy snowfall to wet heavy snow that operating instructions must be flexible to fit the snow removal encounter. The operator must adapt the Tractor and Snow Thrower to the depth of snow, wind direction, temperature and surface conditions.
- In extremely deep snow, raise Snow Thrower from ground and drive ahead into snow to remove top layers first, keeping Tractor out of snow bank. Do NOT enter Tractor into snow bank where snow has not been removed to ground level. Disengage Tractor Clutch and allow Snow Thrower to clear snow. Reverse Tractor and lower Snow Thrower to the ground. Drive Tractor and repeat process to remove balance of snow. Working with repeated passes into and out of drifts will eventually move even the deepest of snow piles.
- Whenever possible discharge snow down wind.
- Always overlap each pass slightly to assure complete snow removal.
- A definite pattern of operating is required to thoroughly clean the snow area. (See Fig. 23) This pattern will avoid a second removal of snow and avoid throwing snow in unwanted places. Where it is possible to throw snow to the right and left, as on a long driveway, it is advantageous to start in the middle. Work from one end to the opposite end throwing snow to both sides without changing the direction of Discharge Chute.

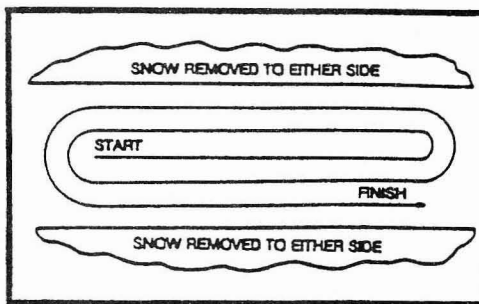


FIG. 23

- If snow can only be thrown to one side of the driveway or sidewalk, start on the opposite side. At the end of each succeeding pass rotate the Discharge Chute 180° to maintain direction of snow throw into the same area. (See Fig. 24)

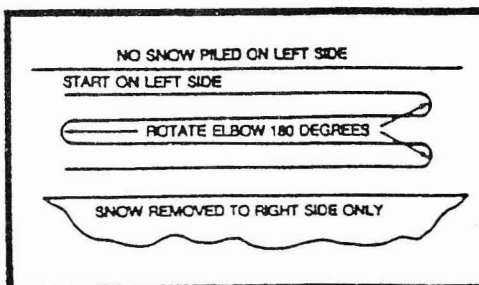


FIG. 24

# CUSTOMER RESPONSIBILITIES

## GENERAL RECOMMENDATIONS

The warranty on this Vehicle does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain unit as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain your unit.

All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

## BEFORE EACH USE

- Check unit for loose fasteners.
- Lubricate Discharge Chute with WD-40.

## ONCE A YEAR

- Once a year you should check and replace if worn, V-belts, Chain, Scraper and Skid Shoes.
- Check Snow Auger and straighten if necessary.

MAINTENANCE SCHEDULE							SERVICE DATES											
FILL IN DATES AS YOU COMPLETE REGULAR SERVICE																		
		BEFORE EACH USE	FIRST 5 HOURS	EVERY 10 HOURS	EVERY 25 HOURS OR EACH YEAR	AS REQUIRED												
Lubrication Chart			✓	✓														
Check V-belt condition, replace if required				✓														
Check and Adjust Chain tension		✓		✓														
Check and Adjust Lift Height					✓													
Skid Shoes					✓													
Discharge Chute Drive Tube					✓													
Lift Assist Springs					✓													
Discharge Chute	✓																	

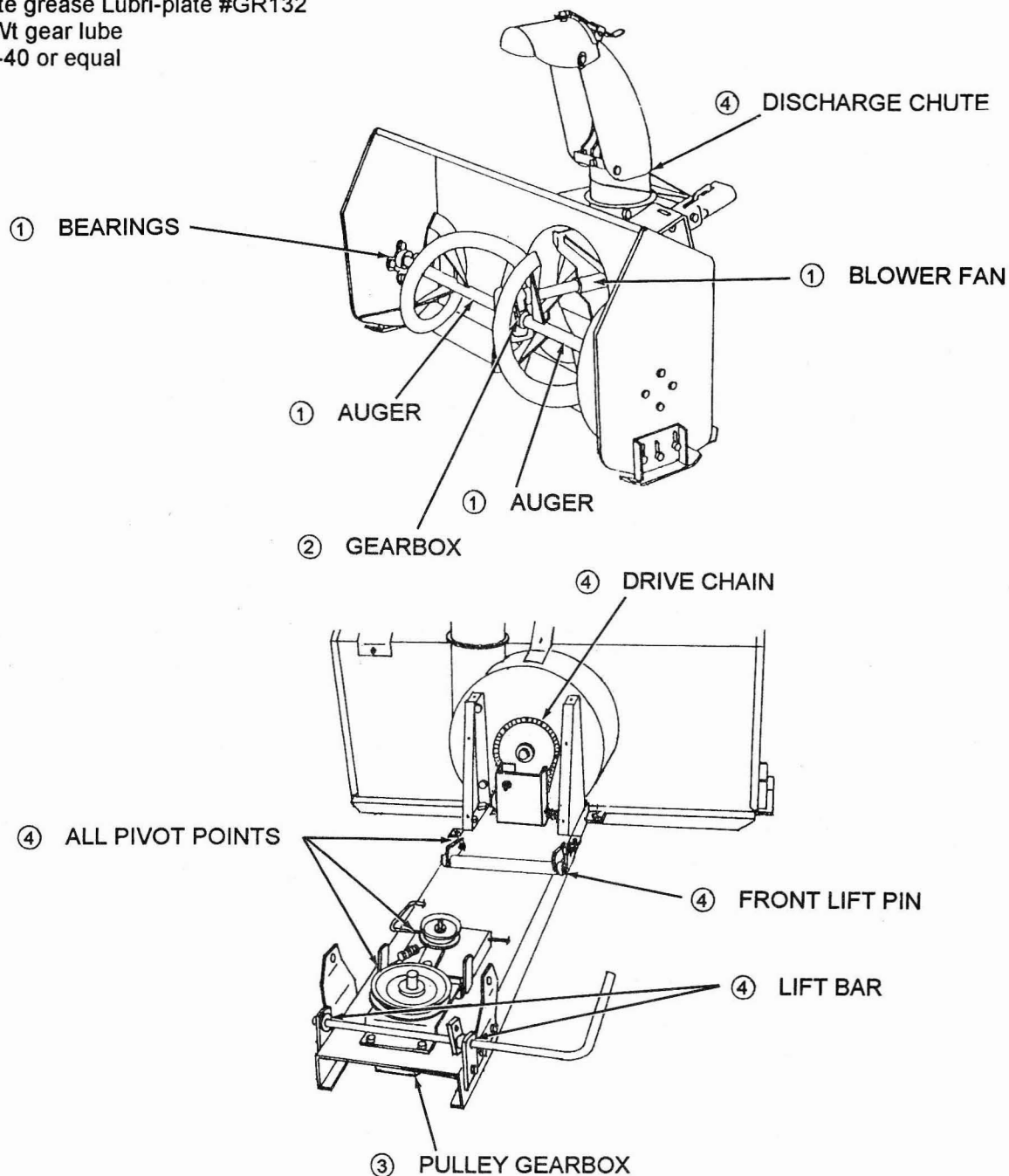
## CLEANING

- Wash off any salt deposit which may have dried on the Snow Thrower with standard garden hose.
- Paint any exposed metal with spray bomb.
- Protect painted surfaces with automotive type wax.

# CUSTOMER RESPONSIBILITIES

## LUBRICATION CHART

- ① General purpose grease
- ② White grease Lubri-plate #GR132
- ③ 90 Wt gear lube
- ④ WD-40 or equal





# SERVICE AND ADJUSTMENTS

## LIFT HEIGHT ADJUSTMENT

- Lower snow thrower to ground.
- Loosen outside nut at end of lift rod. (See Fig 25)
- Adjust inside nut of lift rod until channel box hits front lift assembly when snow thrower is raised.
- Retighten outside nut against inside nut to lock nuts together.

## SIDE TO SIDE LEVELING ADJUSTMENT

- Raise snow thrower to up position.
- Measure from ground to bottom edge of header at each side.
- If adjustment is required remove control rod anchor of lift link from one side of front lift assembly.
- Adjust control rod anchor and reinstall to front lift assembly.
- Lower header to ground and raise again.
- Measure from ground to bottom edge of header to see if adjustment is correct..
- If unit is still not level repeat procedure.

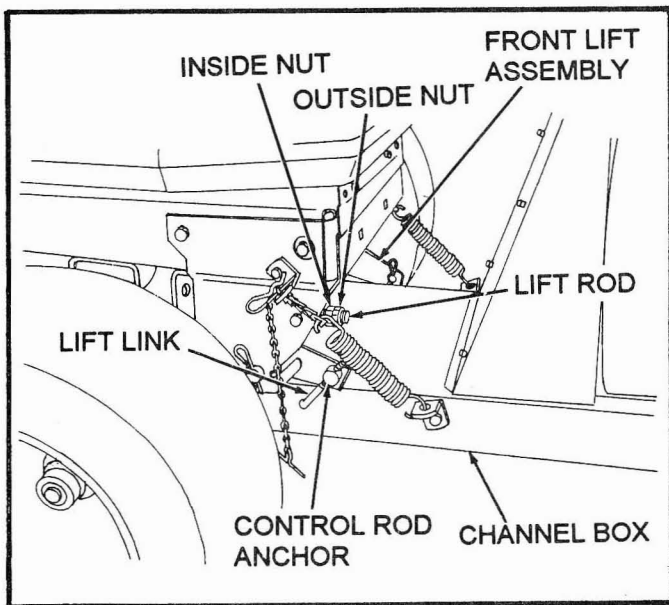


FIG. 25

## SKID SHOE ADJUSTMENT

The Skid Shoe mounted on each side of the Header Housing adjusts the distance scraping is raised above the surface. When removing snow from an uneven surface or a gravel driveway, it is advisable raising scraper as high above the surface as possible to prevent possible damage to the Snow Auger and to help prevent stones from being thrown with snow. On blacktop or concrete, keep the scraper as close to the scraping surface as possible.

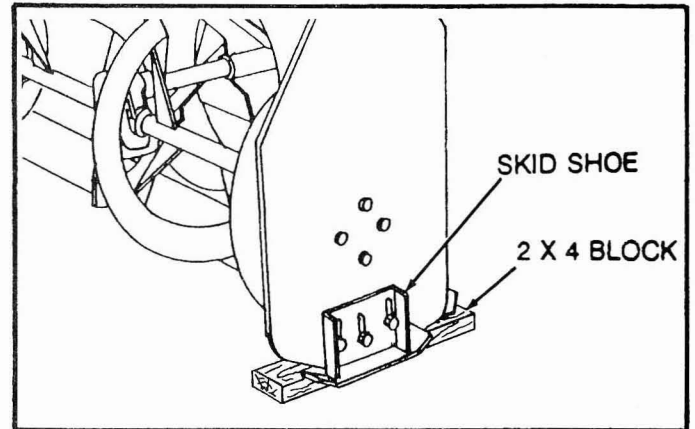


FIG. 26

## TO ADJUST SKID SHOES FOR USE ON GRAVEL DRIVEWAYS OR UNEVEN SURFACES

- Place Snow Thrower in raised position.
- Place 2 X 4 blocks under both ends of the scraper.
- Lower Snow Thrower Scraper onto 2 X 4 blocks.
- Loosen six Nuts on the outside of the Auger Housing which secure the Skid Shoes.
- Allow Skid Shoes to drop to the ground.
- Retighten six Nuts securing Skid Shoes.
- Lower Snow Thrower to ground level.

**NOTE:** Make sure both Skid Shoes are adjusted to keep Scraper level even with scraping surface.

## TO ADJUST SKID SHOES FOR USE ON CONCRETE OR EVEN SURFACES

- Place Snow Thrower in raised position.
- Loosen six Nuts on the outside of Auger Housing which secure the Skid Shoes.
- Lower Snow Thrower to ground level.
- Retighten six Nuts to secure Skid Shoes.

## SCRAPER AND SKID SHOES

Both the Scraper and Skid Shoes are subject to wear and are designed for easy replacement. Replace before wear is excessive to prevent damage to the Auger Housing or Snow Auger.

**NOTE:** New Scraper may be purchased when original equipment is worn. This repair Scraper is bolted to the Header Housing replacing the worn Scraper.

# SERVICE AND ADJUSTMENTS

## DISCHARGE CHUTE DRIVE TUBE ADJUSTMENT

- If Discharge Chute will not hold its position and tends to rotate, adjust Lock Nut on end of Discharge Chute Tube Eye Bolt. Tighten Lock Nut 1/8 turn and check rotation of Discharge Chute Drive Tube by turning Chute Control Rod. A small amount of resistance should be encountered. Do not over tighten. Tighten until Discharge Chute holds its position. (See Fig. 28)
- The Snow Thrower has a discharge radius of 240 and is controlled by the Chute Control Rod. The Discharge Chute Stop Bolt will prohibit rotation beyond this point. (See Fig. 27)

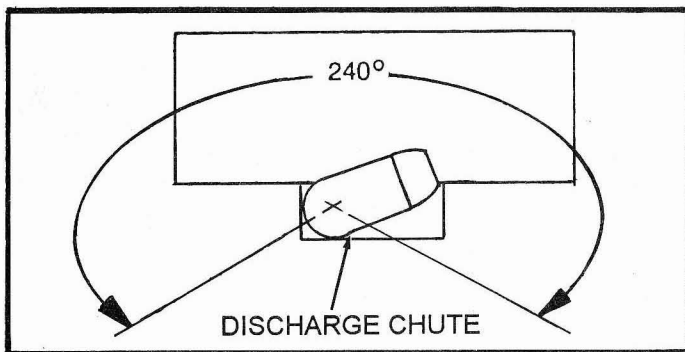


FIG. 27

## CHUTE CONTROL CABLE HOOK-UP

- Chute Control Cable is wound around Discharge Chute Drive Tube 2-1/2 turns each way; both ends of equal length. This will allow equal angle of Discharge Chute in both directions.

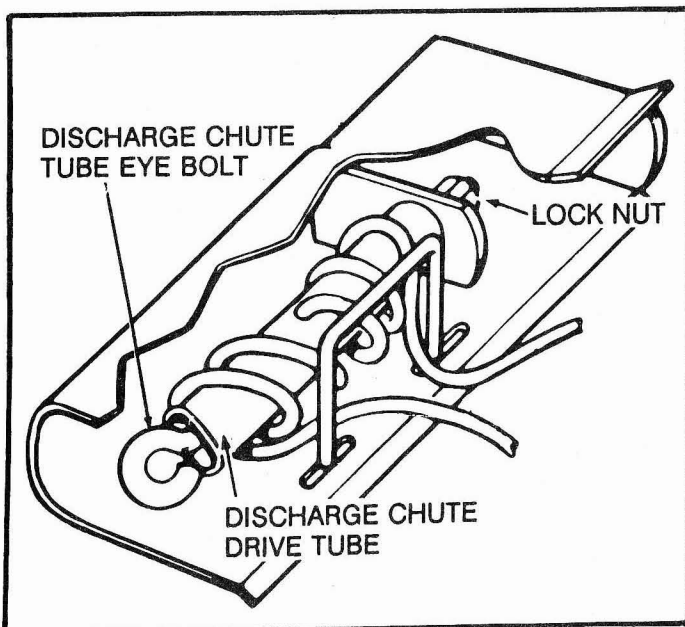


FIG. 28

## LIFT ASSIST SPRINGS

- The Lift Springs (Fig. 29), assist in carrying the weight of the Snow Thrower. For extra scraping ability in packed or hardened snow, reduce tension of Lift Assist Springs.
- With Snow Thrower in the raised position pull up on Chain & Toggle and remove Hair Cotter Pin. Allow several links of chain to pass down through hole in the Mounting Anchor and replace Hair Cotter Pin just above Mounting Anchor. To decrease scraping action when Snow Thrower is used on rough surfaces, increase tension on Lift Assist Spring by removing Hair Cotter Pin and Pulling several links up through hole in Mounting Anchor and replacing Hair Cotter Pin.
- Chain & Toggles should be adjusted evenly.

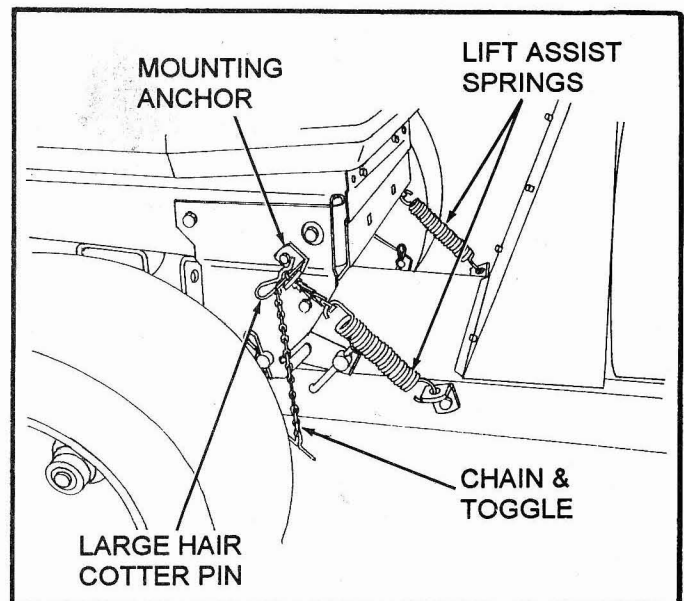


FIG. 29

# STORAGE

## REMOVING THE SNOW THROWER

This Snow Thrower has been designed so that some parts which are difficult to assemble and remove may be left on the Tractor with mower operation

- Place Tractor on level ground.
- Shut off Tractor and remove ignition key.
- Remove spark plug wire(s) from spark plug(s).
- Put attachment Clutch Switch in the "disengaged" position.
- Set parking brake.
- Place Mower Lift Handle in "raised" position.
- Pull backward on Chute Control Rod removing it from the Chute Control Rod Support.
- Unhook Chute Control Rod Extension from Discharge Tube Eyebolt..
- Loosen Chute Control Rod Support Bolt And lift Chute Control Support off Chute Control Rod Support Bracket.
- Place Snow Thrower in "raised" position
- Pull Large Hair Cotter Pins from Chain & Toggle Assemblies.
- Disconnect Chain & Toggle Assemblies from Lift Assist Springs and remove.
- Place Snow Thrower in the "lowered" position.
- Disconnect Idler Locator Rod from tractor frame.
- Remove V-Belt from around Tractor Engine Pulley.
- Remove Front Mounting Pin from Front Lift Assembly.
- Remove Clevis Pin from both rear Hangers.
- Allow Snow Thrower to drop to ground.
- Install ramp to Lift Bar and roll right front tire by hand rearward over Lift Bar.
- Collect all loose hardware and place in a plastic bag which should be tied to your Snow Thrower for storage.

### CAUTION



BEFORE REMOVING THE LOCATING PIN FROM THE LEFT FRONT HANGER, REMOVE ANY TOOLS AND KEEP HANDS AND FEET OUT FROM UNDER SNOW THROWER. AFTER THE LOCATING PIN IS REMOVED FROM LEFT FRONT HANGER THE SNOW THROWER WILL DROP TO THE GROUND AND MAY CAUSE INJURY IF ANYTHING OR ANYONE IS UNDER IT.

NOTE: The following items can be left assembled to the Tractor and will not interfere with the Rotary Mower, but may need to be removed for other attachments.

- Left Rear Hanger
- Right Rear Hanger
- Control Rod Support Anchor
- (2) Mounting Anchors

## STORING SNOW THROWER

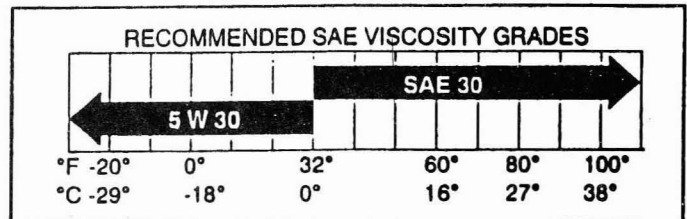
NOTE: At the end of the snow season the following steps are recommended:

- Remove Snow Thrower Assembly from Tractor.
- Wash off any salt deposit which may have dried on the Snow Thrower and Auger Housing.
- Paint exposed metal.
- Lubricate the Snow Thrower following the Lubrication Chart
- The Snow Auger Chain must be oiled thoroughly to stop rust from forming.
- Store Snow Thrower in a dry place.

## BEFORE USING YOUR ROTARY MOWER DEWINTERIZE YOUR TRACTOR

- Change Tractor oil to summer grade.

Only use high quality detergent oil rated with API service classification SG. Select the oil's SAE viscosity grade according to your expected operating temperature.



NOTE: Although multi-viscosity oils (5W30, 10W30, etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32 F. Check your engine oil level more frequently to avoid possible engine damage from running low on oil.

- Wash off any salt deposit which may have dried on the Tractor.

# TROUBLESHOOTING

## PROBLEM:

Probable Cause → Possible Remedy

### AUGER HOUSING VIBRATION

Failed Bearing → Bring to Sears Service Center  
No lubrication on Drive Chain → Oil Drive Chain  
Damaged Discharge Fan → Balance or Replace Discharge Fan

### CLOGGED DISCHARGE CHUTE

Tractor ground speed too fast → Use lower Tractor Gear  
Tractor Throttle too low → Use full Tractor Throttle  
Snow too deep → Raise Snow Thrower

### DISCHARGE CHUTE IS DIFFICULT TO ROTATE OR WILL NOT HOLD POSITION

Discharge Chute Drive Tube Nut too loose → Tighten Tube Lock Nut  
Chute Control Cable too loose → Adjust Chute Control Cable Assembly  
Discharge Chute and Stack Ring are dry → Grease all the way around

### SNOW THROWER DOES NOT OPERATE

V-Belt too loose → Replace V-Belt  
V-Belt not in Pulley Groove → Check V-Belt and place back in Groove  
Drive Chain rolled or failed → Reposition and adjust or Replace Chain  
Shear Pin Broken → Replace Shear Pin

### BURNED RUBBER SMELL

V-Belt loose or worn → Replace V-Belt  
V-Belt not in Pulley Grooves → Chuck Pulley And place back into groove  
Object jammed in Snow Auger → Shut Off Tractor, Free Auger

### SNOW THROWER WILL NOT LIFT

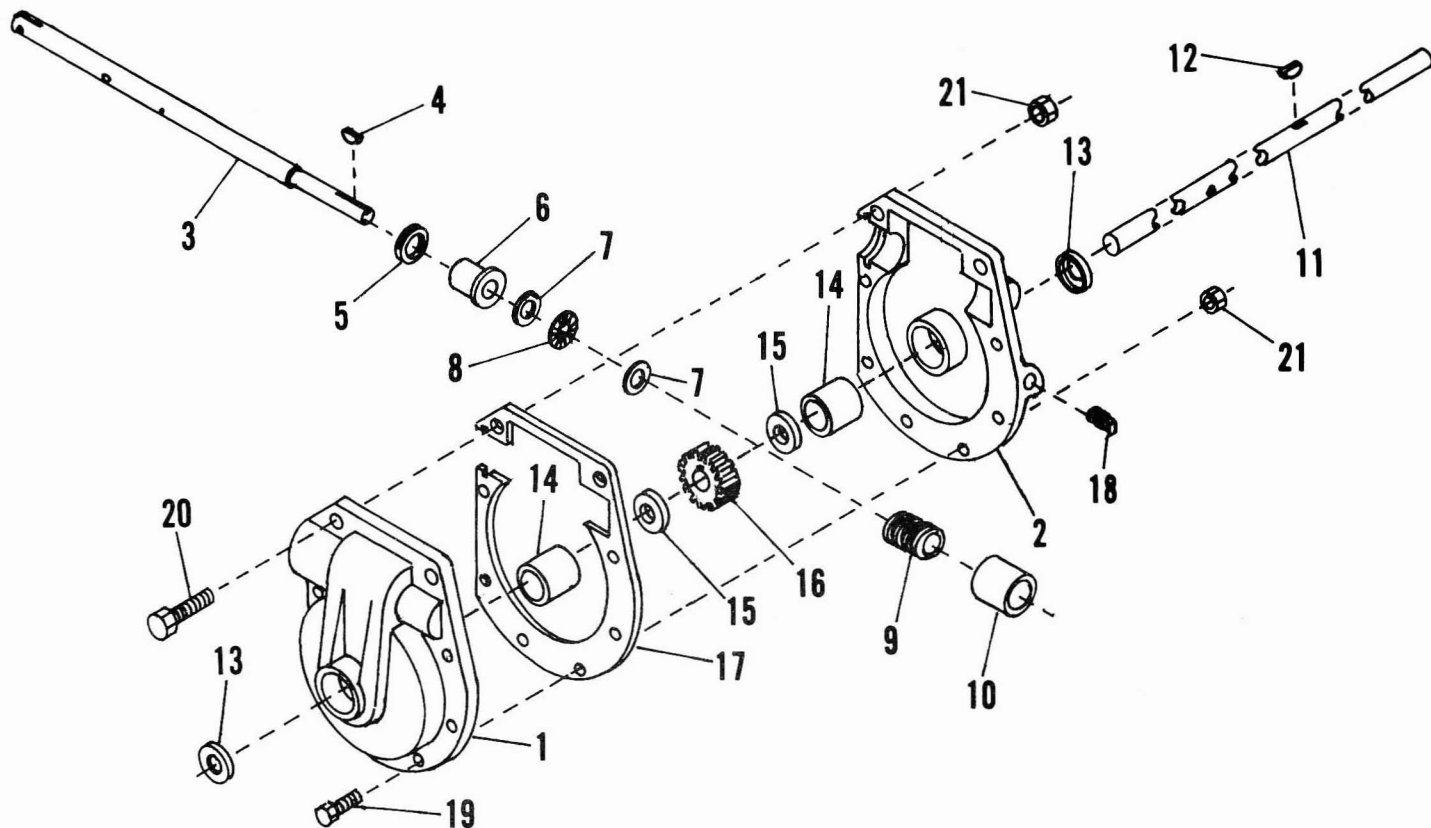
Adjusting Nuts Loosened → Adjust And Tighten Nuts  
Object jammed between Mounting Frame and Tractor → Clear Obstruction

### SNOW THROWER KILLS TRACTOR ENGINE

Object jammed in Snow Auger → Clear Snow Auger  
Very hard or heavy snow → Slow Tractor ground speed  
Very wet snow → Increase Tractor Throttle

# REPAIR PARTS

## 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560

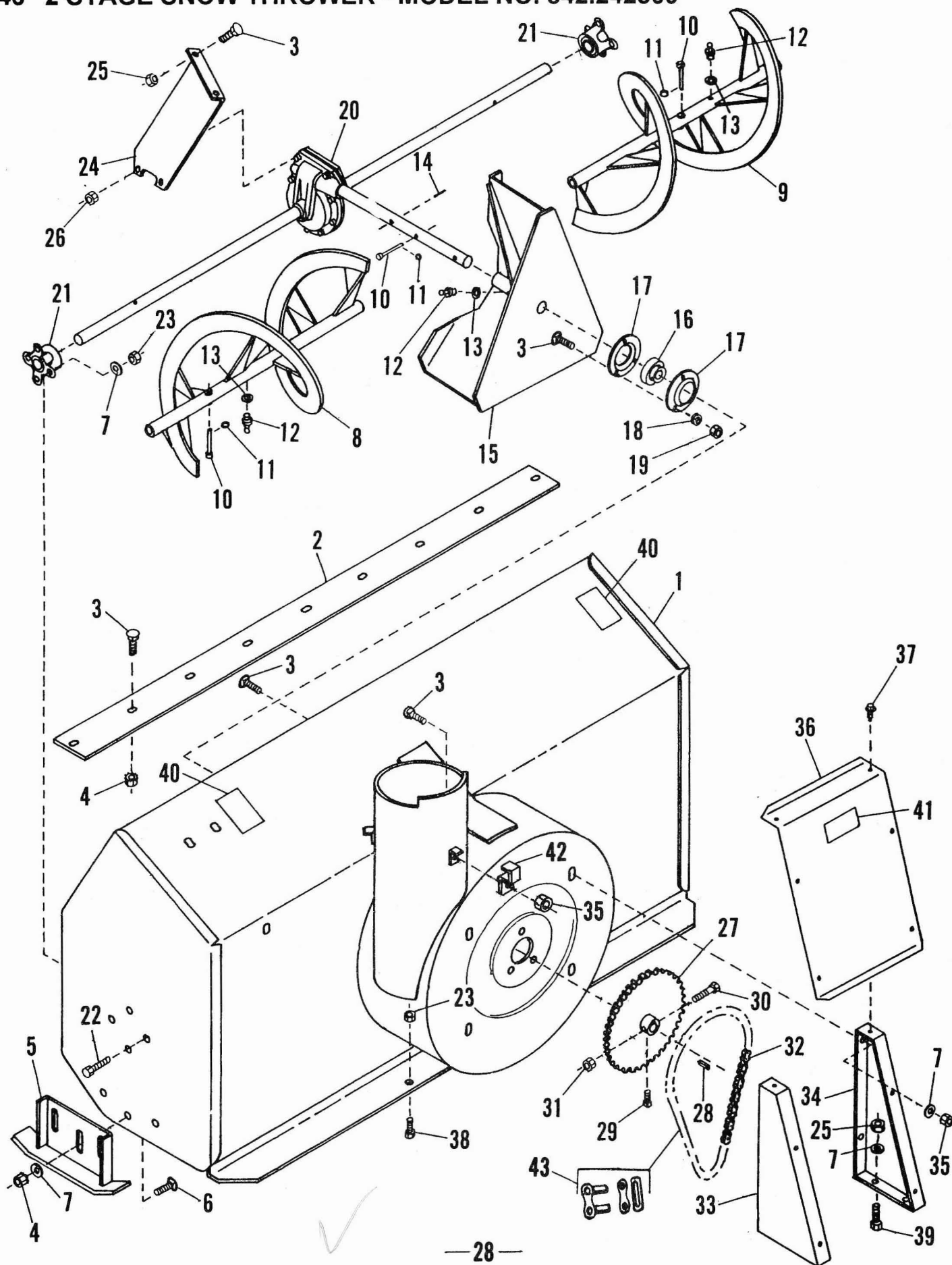


Ref. No.	Part No.	Description	Qty.
1.	23201	Gearbox Case R. H. ....	1
2.	23202	Gearbox Case L. H. ....	1
3.	23213	Input Shaft.....	1
4.	23212	Key, Hi Pro #606.....	1
5.	23217	Quad Ring.....	1
6.	23216	Flange Bearing.....	1
7.	23214	Washer, .752 x 1.24 x .093.....	2
8.	23215	Thrust Bearing.....	1
9.	23210	Worm Gear.....	1
10.	23211	Sleeve Bearing.....	1
11.	23206	Output Shaft.....	1
12.	23207	Key, #91 Woodruff.....	1
13.	23204	Oil Seal.....	2
14.	23203	Gearbox Bearing.....	2
15.	23205	Washer, 1" x 1.54 x .093.....	2
16.	23208	Worm Wheel Gear.....	1
17.	23209	Gear Case Gasket.....	1
18.	23218	Pipe Plug 1/4-18 NPTF.....	1
19.	GM181608*	Bolt, 5/16-24 x 1" Hex Hd.....	6
20.	GM181614*	Bolt, 5/16-24 x 1-1/2 Hex Hd.....	2
21.	GM9415152*	Lock Nut, 5/16-24 Hex Flange.....	8

\*Standard Hardware - Purchased Locally

# REPAIR PARTS

46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560





# REPAIR PARTS

## 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560

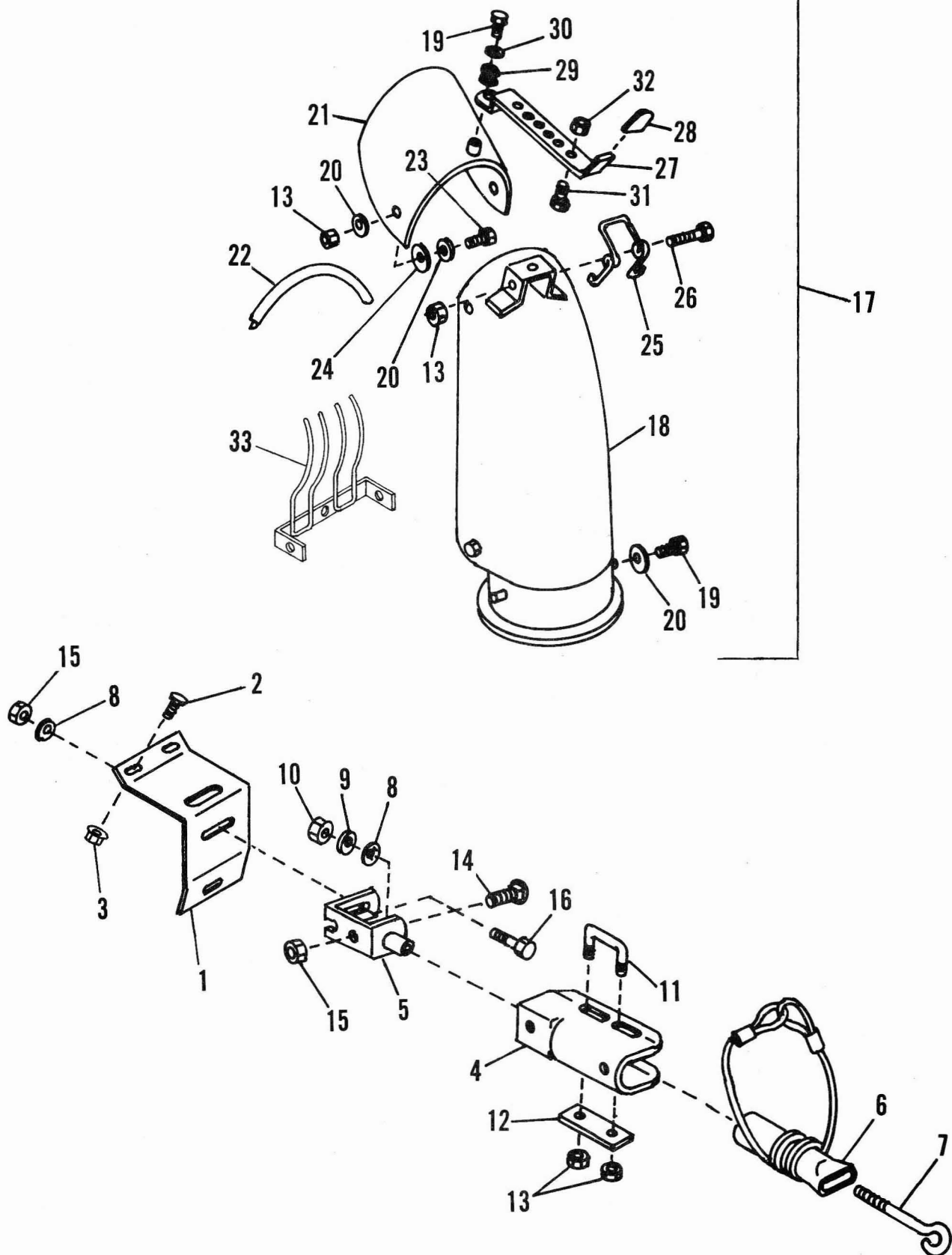
Ref. No.	Part No.	Description	Qty.
1.	23498	Header Housing .....	1
2.	22680	Scraper Blade .....	1
3.	STD533107*	Bolt, 5/16-18 Carriage .....	21
4.	GM271184*	Nut & Lockwasher Assy 5/16-18 .....	15
5.	22668	Skid Shoe .....	2
6.	STD533110*	Bolt, 5/16-18 x 1" Carriage .....	6
7.	GM446363*	Washer, 3/8 x 7/8 x .083 Flat .....	22
8.	23177	Auger Assembly Left Hand .....	1
9.	23176	Auger Assembly Right Hand .....	1
10.	4001	Shear Pin .....	3
11.	5714	Spring Clip .....	3
12.	5074	Grease Fitting .....	3
13.	GM446188*	Washer, 17/32 x 5/8 x .049 .....	3
14.	GM454668*	Roll Pin 3/16 x 1-1/4 .....	1
15.	23167	Thrower Fan .....	1
16.	23172	Bearing .....	1
17.	5473	Flangette .....	2
18.	STD551131*	Lockwasher 5/16 Medium .....	3
19.	STD541031*	Nut, 5/16-18 Hex .....	3
20.	23200	Worm Drive Gearbox Assembly .....	1
21.	23113	Bronze Bearing Assembly .....	2
22.	STD523707*	Bolt, 3/8-16 x 3/4 Hex Hd .....	8
23.	STD541437*	Lock Nut, 3/8-16 Hex .....	11
24.	23114	Gearbox Support Bracket .....	1
25.	STD541431*	Lock Nut, 5/16-18 Hex .....	6
26.	GM941152*	Lock Nut, 5/16-24 Hex Flange .....	2
27.	23115	Sprocket & Hub Assembly .....	1
28.	STD580103*	Key, 3/16 Square x 7/8 .....	1
29.	GM142671*	Setscrew, 5/16-18 x 1/2 Sq. Hd. Cup Pt. ....	1
30.	STD522520*	Bolt, 1/4-20 x 2 Hex Hd .....	1
31.	STD541425*	Lock Nut, 1/4-20 Hex .....	1
32.	23165	Drive Chain with Connecting Link .....	1
33.	23117	Header/Channel Support Left Hand .....	1
34.	23118	Header/Channel Support Right Hand .....	1
35.	21363	Nylock Nut, 5/16-18 .....	7
36.	23119	Chain Drive Cover .....	1
37.	15683	Self Tapping Screw 1/4-14 .....	6
38.	STD523710*	Bolt, 3/8-16 x 1" Hex Hd .....	3
39.	STD523107*	Bolt, 5/16-18 x 3/4 Hex Hd .....	4
40.	23555	Danger Decal .....	2
41.	23569	Caution Decal .....	1
42.	22794	Stack anchor .....	3
43.	8456	Chain Repair Connecting Link .....	1

23871 new part no

\*Standard Hardware - Purchased Locally

# REPAIR PARTS

## 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560



## REPAIR PARTS

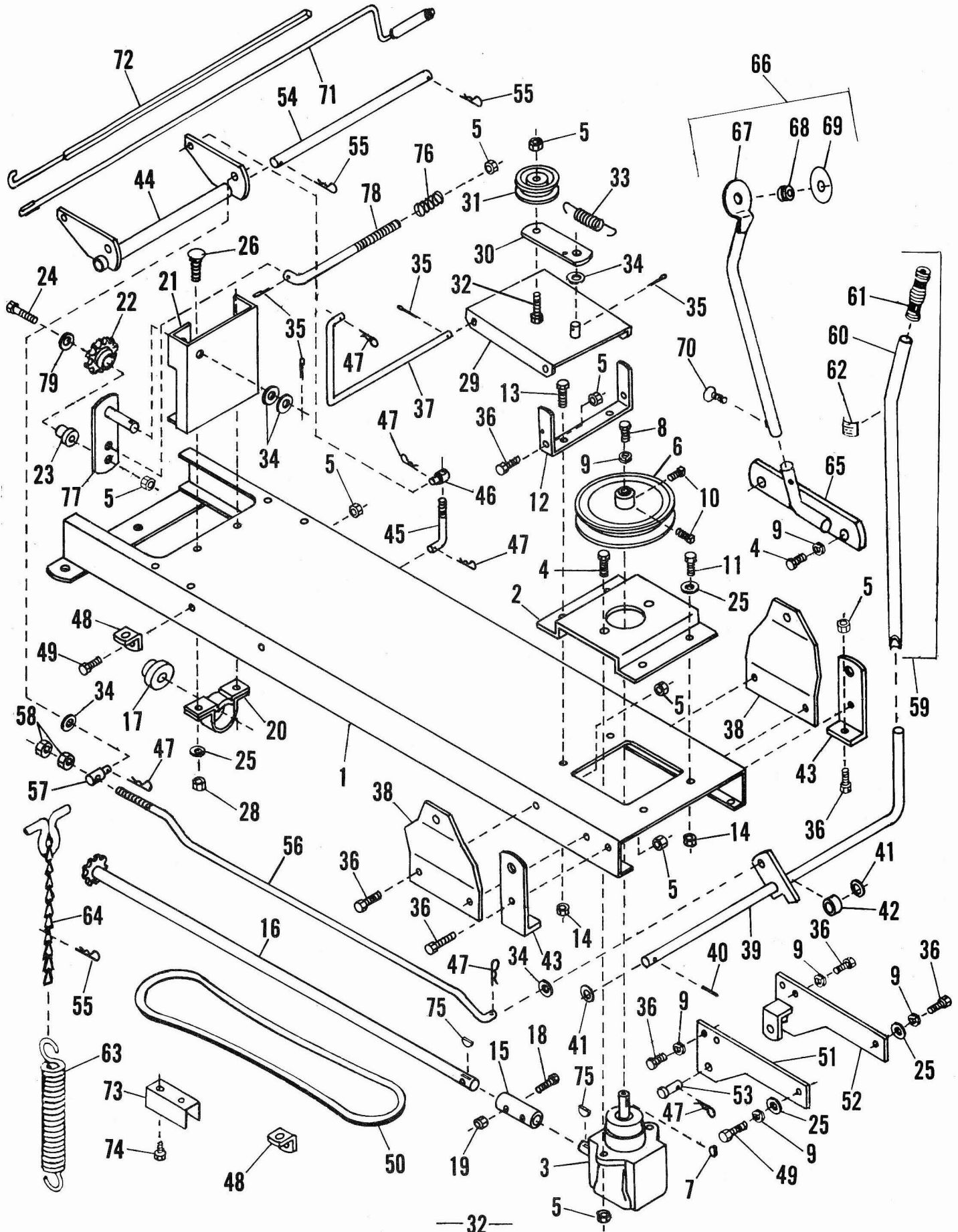
### 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560

Ref. No.	Part No.	Description	Qty.
1.	23120	Stack Drive Support Bracket .....	1
2.	STD533107*	Bolt, 5/16-18 x 3/4 Carriage .....	3
3.	GM273802*	Lock Nut, 5/16-18 Hex Flange .....	3
4.	9030	Stack Drive Shroud .....	1
5.	9032	Bracket & Tube Assembly .....	1
6.	8346	Cable, Tube & Sleeve Assembly .....	1
7.	3955	Eye Bolt .....	1
8.	GM120388*	Washer, 7/16 x 1" X .083 .....	2
9.	4772	Spring Washer .....	1
10.	STD541437*	Lock Nut, 3/8-16 Hex .....	1
11.	8236	Level Wind "U" Bolt .....	1
12.	8299	Friction Strap .....	1
13.	STD541425*	Lock Nut, 1/4-20 Hex .....	5
14.	STD533707*	Bolt, 3/8-16 x 3/4 Carriage .....	1
15.	GM271190*	Nut/Lockwasher Assy 3/8-16 Hex .....	2
16.	STD533710*	Bolt, 3/8-16 X 1" Carriage .....	1
17.	23121	Deflector & Elbow Assy, (Complete) .....	1
18.	23123	Elbow .....	1
19.	STD522505*	Bolt, 1/4-20 x 1/2 Hex Hd .....	2
20.	3903	Washer, 9/32 x 1" x 1/16 .....	5
21.	19449	Deflector & Decal Assembly .....	1
22.	19417	Seal Trim .....	1
23.	STD522507*	Bolt, 1/4-20 X 3/4 Hex Hd .....	2
24.	4506	Washer, 13/32 x 1-1/2 x .051 .....	2
25.	19691	Deflector Lock Spring .....	1
26.	STD522517*	Bolt, 1/4-20 x 1-3/4 Hex Hd .....	1
27.	19482	Deflector Lock Strap .....	1
28.	19483	Rubber Handle Grip .....	1
29.	19484	Rubber Grommet .....	1
30.	19718	Washer, Flat .....	1
31.	STD523106*	Bolt, 5/16-18 x 5/8 Hex Hd .....	1
32.	STD541431*	Lock Nut, 5/16-18 Hex .....	1
33.	22509	Chute Guard .....	1

\*Standard Hardware - Purchased Locally

# REPAIR PARTS

## 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560



# REPAIR PARTS

## 46" 2 STAGE SNOW THROWER - MODEL NO. 842.242560

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1.	23125	Mounting Channel .....	1	67.	18762	Control Rod Support .....	1
2.	23129	Gearbox Mounting Bracket .....	1	68.	16124	Control Rod Guide Bushing.....	1
3.	23179	Gearbox .....	1	69.	11712	Chute Control Decal.....	1
4.	STD523712*	Bolt, 3/8-16 x 1-1/4 Hex Hd .....	4	70.	21797	Thumb Screw.....	1
5.	STD541437*	Nut, 3/8-16 Hex Lock.....	17	71.	15437	Control Rod .....	1
6.	23130	Pulley .....	1	72.	8206	Control Rod Extension .....	1
7.	19968	Key, #6 Woodruff .....	1	73.	21717	Ramp Anchor Bracket .....	1
8.	STD623710*	Bolt, 3/8-24 x 1" Hex Hd.....	1	74.	14004	Lag Screw, Hex Head .....	2
9.	STD551137*	Lockwasher, 3/8 Medium .....	7	75.	S-271	Key, #9 Woodruff .....	2
10.	GM142671*	Screw, 516-18 x 1/2 Sq. Hd. Cup Pt. ....	2	76.	14405	Idler Spring .....	1
11.	STD523107*	Bolt, 5/16-18 x 3/4 Hex Hd .....	2	77.	23503	Idler Arm.....	1
12.	23132	Belt Guide Bracket.....	1	78.	23507	Idler Spring Rod .....	1
13.	STD523110*	Bolt, 5/16-18 x 1" Hex Hd.....	2	79.	4772	Washer, Belleville.....	1
14.	STD541431*	Nut, 5/16-18 Hex Lock.....	4	80.	23163	Instruction Manual.....	1
15.	23133	Drive Coupling .....	1				
16.	23134	Drive Shaft .....	1				
17.	23172	Bearing.....	1				
18.	STD522517*	Bolt, 1/4-20 x 1-3/4 Hex Hd .....	2				
19.	STD541525*	Nut, 1/4-20 Hex Lock.....	2				
20.	23137	Bearing Housing - Complete .....	1				
21.	23506	Idler Mounting Bracket.....	1				
22.	3166	Idler Sprocket.....	1				
23.	23140	Hub Insert.....	1				
24.	STD523715*	Bolt, 3/8-16 x 1-1/2.....	1				
25.	GM446363*	Washer, 3/8 x 7/8 x .083.....	6				
26.	STD533712*	Bolt, 3/8-16 x 1-1/4 Carriage .....	2				
27.	GM120388*	Washer, 7/16 x 1" x .083 .....	1				
28.	21362	Nylock Nut, 3/8-16 Hex Lock .....	2				
29.	23141	Idler Mounting .....	1				
30.	23143	Idler Arm .....	1				
31.	15015	Idler Pulley .....	1				
32.	STD523717*	Bolt, 3/8-16 x 1-1/4 Hex Hd .....	1				
33.	20186	Idler Spring.....	1				
34.	STD551050*	Washer, 17/32 x 1-1/16 x .095.....	3				
35.	GM120123*	Cotter Pin, 1/8 x 1-1/4 .....	4				
36.	STD523707*	Bolt, 3/8-16 x 3/4 Hex Hd .....	13				
37.	23146	Idler Locating Rod .....	1				
38.	23147	Rear Hanger Bracket .....	2				
39.	23148	Lift Bar .....	1				
40.	STD571810*	Roll Pin.....	1				
41.	STD551075*	Washer, 13/16 x 1-1/2 x .134.....	2				
42.	6179	Spacer .....	1				
43.	23151	Lift Bar Mounting Strap .....	2				
44.	23156	Front Lift Assembly.....	1				
45.	23159	Lift Link Rod.....	2				
46.	9492	Control Rod Anchor .....	2				
47.	STD624005*	Hair Cotter Pin.....	9				
48.	13780	Mounting Frame Anchor .....	4				
49.	STD523710*	Bolt, 3/8-16 x 1" Hex Hd.....	3				
50.	11483	V-Belt.....	1				
51.	23152	L. H. Rear Mounting Bracket .....	1				
52.	23153	R. H. Rear Mounting Bracket .....	1				
53.	3433	Clevis Pin.....	2				
54.	23158	Pin .....	1				
55.	STD624010*	Hair Cotter Pin.....	4				
56.	23160	Lift Rod .....	1				
57.	19649	Adjustment Anchor .....	1				
58.	STD541150*	Nut, 1/2-20 Hex .....	2				
59.	11754	Lift Handle Assembly .....	1				
60.	21637	Lift Handle .....	1				
61.	3339	Handle Grip .....	1				
62.	7273	Raise & Lower Decal .....	1				
63.	4798	Lift Spring.....	2				
64.	5737	Chain & Toggle Assembly .....	2				
65.	18758	Control Rod Support Anchor .....	1				
66.	18759	Control Rod Support (complete).....	1				

\*Standard Hardware - Purchased Locally

# SERVICE NOTES

W. To dress 2 S  
inside seam 19 1/2 inches

4" collar

— Jordan

waist 26"

waist to ankle 26"

inside seam 19"



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## SERVICE NOTES

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# **SEARS**

## **OWNER'S MANUAL**

**MODEL NO.  
842.242560**

### **HOW TO ORDER REPAIR PARTS**

# **CRAFTSMAN<sup>®</sup>**

## **46" FRONT MOUNTED 2 STAGE SNOW THROWER ATTACHMENT**

475-4791

The Model Number will be found on a plate on the left side, attached to the Auger Housing. Always mention the Model Number when requesting service on repair parts for your Snow Thrower.

All parts listed herein may be ordered from any SEARS, ROEBUCK AND CO., service center and most retail stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PRODUCT - 46" 2 STAGE SNOW THROWER
- MODEL NUMBER - 842.242560
- PART NUMBER
- PART DESCRIPTION

Your Sears merchandise has added value when you consider Sears has service units nationwide staffed with Sears trained technicians...professional technicians specifically trained to insure that we meet our pledge to you, we service what we sell.

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**Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.**

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